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# BULLETIN OF THE SCHOOL OF EDUCATION, INDIANA UNIVERSITY

## Second Revision of the Bibliography of Educational Measurements



by

HENRY LESTER SMITH  
Dean of the School of Education

and

WENDELL WILLIAM WRIGHT  
Assistant Professor of Education

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### *DIRECTIONS*

- 1 Look at the Table of Contents to determine the subject grouping of the various tests in this bibliography.
- 2 To find the addresses of publishers, turn to page 210.
- 3 To find the description of any test, use the index. Tests are given in the indexes according to author, title, and subject.
- 4 A chart of all available tests, with the grades for which they are used, can be found on pages 213 to 234. Tests marked "G" are primarily for use as group tests, while tests marked "I" are primarily for use as individual tests.

### *EXPLANATIONS*

- 1 The range given in the descriptions of tests includes both grades mentioned. For example, "grades 7-9" means that the test may be used in grades 7, 8, and 9.
- 2 The word "complete" in connection with the prices given for the tests means that directions for giving and scoring and scoring keys are furnished with the order.
- 3 One test is needed for each pupil tested unless otherwise stated in descriptions of available tests.
- 4 Only one form of the test is available unless otherwise stated.



# Second Revision of the Bibliography of Educational Measurements

## COMPOSITE\*

### ACHIEVEMENT

**Cleeton Combined Intelligence and Achievement Test.** By Glen U. Cleeton. Not yet published. Publisher: C. H. Stoelting Co. No further information available.

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Cooperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. Published: 1927. Purpose: to test pupil's achievement in elementary subjects. Range: grades 7 and 8. Time to give: about 5 hours. Time to score: 20 minutes. Standardized: yes.

This is a standardized composite achievement test based on the Indiana state course of study and the state-adopted textbooks. The test covers the following subjects: arithmetic, American history, Indiana history, civics, geography, language, reading, physiology, and spelling. Norms based on a large number of cases are available for each subject and for a composite score. Forms A and B are available; Forms C and D are in preparation.

Publisher: Bureau of Cooperative Research, Indiana University.

Price: 10 cents per copy, either form; specimen set including both forms, manual, keys, norms, and distribution sheet, 35 cents.

**Individual Attainment Scale for Clinical Use.** By J. E. Wallin and Margery Gilbert. Published: in press. Purpose: to determine the educational status of defectives or young children. Range: grades 1-3. Time to give: about 8 minutes. Time to score: short. Standardized: yes.

This scale contains standardized tests in oral reading, phonetic spelling, arithmetic, and written language. This scale may be used for psychological and educational clinics, and for special schools.

Publisher: in press.

**Iowa High School Content Examination.** By G. M. Ruch and others. Published: Form A, 1924; Form B, 1924; Form A-1, 1925; Form B-1, 1926. Purpose: to test achievement in high school branches, as an aid in sectioning college freshmen. Range: high-school seniors and college freshmen. Time to give: 80 minutes. Time to score: no information. Standardized: yes.

This is a comprehensive examination covering 4 fields of high school studies: (1) English literature and grammar; (2) Mathematics; (3)

\* For directions and explanations in the use of this Bibliography see page 5.

Science; (4) History and social science. From 75 to 115 questions are presented under each division. The questions are all of the multiple-response type, the pupil being asked merely to write down the number of the most satisfactory answer of the five presented. Four equivalent forms are available.

Publisher: G. M. Ruch, Department of Psychology, University of Iowa.

Price: \$8.00 per 100, postpaid; specimen set, 10 cents.

**Lippincott-Chapman Classroom Products Survey Tests.** By J. C. Chapman. Published: 1921. Purpose: to measure achievement in arithmetic and reading. Range: grades 5-8. Time to give: 85 to 90 minutes. Time to score: 2 minutes. Standardized: yes.

This test affords means of measuring achievement in arithmetic and reading, considering 2 aspects of each, namely: (1) the fundamental processes in integers, fractions, and decimals, and application of those fundamentals to quantitative situations in life; (2) reading a short passage with understanding, and studying a longer selection with a view to answering questions concerning its content. This test includes the Lippincott-Chapman Continuous Passage Reading Test.

Publisher: J. B. Lippincott Co.

Price: \$3.50 per 100 copies of tests, complete.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. Published: 1927. Purpose: to determine a pupil's promotion. Range: grade 8. Time to give: about 1 hour. Time to score: no information. Standardized: in process.

This is an examination in spelling, arithmetic, English, geography, history and constitution of United States, hygiene, and handwriting, to be given to students graduating from the eighth grade in New Jersey.

Publisher: not published for general distribution.

**North Carolina High School Senior Examination.** By M. R. Trabue. Published: 1927. Purpose: to measure achievement in high-school subjects. Range: high-school seniors. Time to give: 75 minutes. Time to score: 10 minutes. Standardized: locally.

This test is made up of 9 sections. Section A consists of 50 multiple-response type questions on English usage and on authors, characters, and books in literature. Section B is a test in comprehension of reading in which a paragraph from Emerson's "Self-Reliance" is given followed by questions on the paragraph. Section C is a test in verbal mental agility in the association of word meanings. Section D is made up of 25 multiple-response type questions in general and American history. Section E is made up of 25 multiple-response type questions in modern times and civics. Section F is made up of 25 multiple-response type questions in general science. Section G is made up of 25 problems in mathematics, including arithmetic, algebra, and geometry. Section H is made up of 25 multiple-response type questions in Latin vocabulary and translation, and 25 sentences in French, in which errors are to be detected.



Publisher: Bureau of Educational Research, University of North Carolina.

Price: \$1.25 per 25 copies; \$5 per 100.

**Omnibus Achievement Test.** By C. W. Odell. Published: 1922. Purpose: to measure achievement in upper elementary grade subjects. Range: grades 6-8. Time to give: 4 minutes. Time to score: 1 minute. Standardized: partially.

This test consists of 75 true-false statements in geography, history, arithmetic, language, and elementary science.

Publisher: Bureau of Educational Research, University of Illinois.

Price: not published for general distribution.

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetic, and English Grammar).** By S. L. Pressey. Published: 1921. Purpose: to measure achievement in the fundamental subjects in grade 8, or at graduation from grammar school. Range: grade 8. Time to give: 10 minutes. Time to score: 2 minutes. Standardized: no information.

The examination is made up of tests in reading vocabulary, American history, arithmetical reasoning, and English grammar. The scale is of special interest in determining graduation standards in grammar and departmental schools.

Publisher: Department of Psychology, Indiana University.

Price: \$1 65 per 100, complete.

**Pressey Second-Grade Attainment Scale, in Spelling, Reading, and Arithmetic.** By L. W. Pressey. Published: 1920; revised, 1922. Purpose: to measure progress in reading, arithmetic, and spelling. Range: grade 2. Time to give: 30 minutes. Time to score: about 1 minute. Standardized: yes.

The scale is made up of 4 tests: 1 on spelling, 1 on arithmetic, and 2 on reading. The spelling test is composed of 24 words to be spelled by the pupil. Tests 2 and 3 are reading tests on relevancy and word meaning. The fourth test is on addition and subtraction. Forms A and B are available.

Publisher: Public School Publishing Co.

Price: \$1 per 100; specimen set, 10 cents.

**Pressey Third-Grade Attainment Scale (Spelling, Arithmetic, and Reading).** By L. W. Pressey. Published: 1921; revised, 1923. Purpose: to measure "essential achievement" in the third grade. Range: grade 3. Time to give: 7 to 8 minutes. Time to score: 2 minutes. Standardized: yes.

The scale is made up of 3 tests: (1) spelling, (2) reading, (3) arithmetic. The spelling test is composed of 24 sentences, each containing a blank for writing the missing word. The teacher reads the sentence and supplies the missing word. The pupil is directed to write the word in the place where it should be. Test 2 is a reading test composed of 7 paragraphs (one an example) with multiple-response ques-

tions on each paragraph. Test 3 in arithmetic is composed of 28 problems (4 are examples) with multiple-response answers.

Publisher: Public School Publishing Co.

Price: \$1 per 100; specimen set, 10 cents.

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and Lewis M. Terman. Published: 1922. Purpose: to measure achievement of pupils in the school subjects. Range: grades 2-8. Time to give: primary, grades 2 and 3, 73 minutes; advanced, grades 4-8, 148 minutes. Time to score: 10 to 20 minutes. Standardized: by both age and grade norms.

Primary tests in arithmetic, reading, and spelling are devised for grades 2 and 3. Advanced tests in arithmetic, reading, and spelling, science information, and history and literature are prepared for grades 4 to 8, containing the same material as the primary tests (in the case of arithmetic, reading, and spelling) with additional advanced material. Forms A and B are available.

Publisher: World Book Co.

Price: advanced examination, \$1.90 for 25 copies; primary examination, \$1.10 for 25 copies; manual of directions, 30 cents; specimen set, 60 cents.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. Published: 1926. Purpose: to test rural schools of the state of Wyoming. Range: grades 6-8. Time to give: 60 minutes for each test except tests in arithmetic, and language and grammar which require 90 minutes each. Time to score: about 30 minutes. Standardized: no.

These are new type examinations in geography, arithmetic, history, physiology-hygiene, agriculture, language and grammar, reading, and civics, covering the work required in Wyoming rural course of study.

Publisher: County Superintendents' Association, Rawlins, Wyo.

Price: 5 cents per set.

**University of Porto Rico General Ability Test.** By F. C. Walters. Published: 1926. Purpose: to measure general ability. Range: grades 8-12. Time to give: 83 minutes. Time to score: 5 to 8 minutes. Standardized: no.

This test consists of tests in English and tests in Spanish in reading comprehension, problem solving, and general information. The reading comprehension tests are of the multiple-response type and consist of a number of short paragraphs on various subjects. The problem solving tests are made up of story problems in arithmetic. The general information tests are of the multiple-response type and deal with a number of subjects including geography, history, various sciences, and literature. Developed for use especially in the Porto Rico schools.

Publisher: Insular Bureau of Printing, Government of Porto Rico, San Juan, P.R.

Price: not available for general distribution.

**University of Porto Rico General Ability Test for High School Graduates.**

By F. C. Walters and Malvina L. Monefeldt. Published: 1926.  
 Purpose: to be used in rating high schools, and the classification of university students. Range: grades 9-12. Time to give: 83 minutes. Time to score: 5 to 8 minutes. Standardized: no.

This test consists of one test each of reading comprehension (English and Spanish), arithmetic problems, and general information. This test is best suited for Mexico and other Latin-American countries.

Publisher: Insular Bureau of Printing, Government of Porto Rico, San Juan, P.R.

Price: not yet determined.

## CLASSIFICATION

**The Illinois Examination.** By W. S. Monroe and B. R. Buckingham.

Published: 1920. Purpose: to determine the ability of each pupil to do school work. Range: Examination I, grades 3-5; Examination II, grades 6-8. Time to give: about 60 minutes for each examination. Time to score: no information. Standardized: yes.

The Illinois Examination is a combined intelligence and achievement test, the intelligence test consisting of a series of 7 tests. The achievement test is made up of the Monroe Silent Reading and the Monroe Arithmetic tests. "By this examination each pupil is graded on a standard scale, first, for his actual ability to do school work as compared with other pupils; and second, for his present achievements in arithmetic and in power to read understandingly measured by standard scales of achievement for his grade and age." Forms I and II are available.

Publisher: Public School Publishing Co.

Price: \$4 per 100 for each part complete; 5 cents per copy; extra record sheets 1 cent each; extra handbook, 15 cents.

**Otis Classification Test.** By A. S. Otis. Published: 1923. Purpose:

to test both achievement and mental ability. Range: grades 4-9. Time to give: 65 minutes. Time to score: 3 minutes. Standardized: yes.

This test is made up of Part I which consists of a list of 115 questions over the ordinary subjects of the elementary schools, and Part II, a mental ability test, which is the intermediate examination of the Otis Self-Administering Test of Mental Ability. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.30 per package of 25 examination booklets, complete; manual of directions, 25 cents extra; specimen set, 35 cents.

**Pintner-Fitzgerald Educational Survey Test.** By Rudolf Pintner and Florence Fitzgerald. Reference: *Journal of Educational Psychology*, April, 1920. For description, see Pintner's Educational Survey and Non-Language Mental Tests.**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolf Pintner. Published: 1918. Purpose: to measure education

achievement and mental ability and diagnose difficulties. Range: grades 3-8. Time to give:  $1\frac{1}{2}$  to 5 minutes for each test. Time to score: 10 to 15 minutes. Standardized: yes.

There are 8 separate tests as follows: (1) Words, (2) Arithmetic, (3) Reading—Kelley, (4) Reading—Thorndike, (5) Trabue, Sentence completion, (6) Grammar, (7) Geography, (8) History. The mental tests consist of 6 separate tests. The mental tests are non-language tests and may be given to non-English speaking children. Tho the tests are intended to be given together, they may be given separately. Reference: *Journal of Educational Psychology*, January, 1921.

Publisher: College Bookstore.

Price: The Pintner Mental Test, per 100, \$4; The Pintner Educational Test, per 100, \$4; Manual of Directions, 50 cents; set of stencils for correcting tests, 50 cents; specimen set, including Manual, stencils, and 5 copies of each test blank, \$1 40.

**Seattle Entrance Class Tests, Form A, Revised.** By Margaret Burr.

Published: 1926. Purpose: to be used for classifying entrance class pupils into homogeneous groups. Range: grade 1. Time to give: depends upon size of class. Time to score: about 3 minutes. Standardized: yes.

This is a four-page leaflet including four tests of 7 lines each. Three of the tests are picture tests and one is a nonsense syllable test. Each test is preceded by a mimeographed chart demonstrating the test procedure.

Publisher: Margaret Burr, Seattle, Wash.

Price: \$1.25 per 100 copies; 10 cents for each set.

## ENGLISH

### ENGLISH COMPOSITE

**Aly Placement Test in English for College Freshmen.** By Bower Aly.

Published: 1926. Purpose: to be used as a means of sectioning students in composition. Range: high-school seniors and college freshmen. Time to give: 1 hour. Time to score: 11 minutes. Standardized: for college freshmen.

This test is made up of five parts. Part I is a literary information test made up of 100 statements of the multiple-response type. Part II is a test in literary comprehension made up of two literary selections each of which is followed by 25 statements of the true-false type. Part III is a vocabulary test made up of 100 statements of the multiple-response type. Part IV is a sentence recognition test, and language usage test. Part V is a letter dictation test.

Publisher: Bower Aly, Teachers' College, Cape Girardeau, Mo.

Price: 17 cents each, plus postage.

**Brown University English Test.** By ———— Hastings, K. O. Mason, and ———— Wood. Published: 1925. Purpose: to grade freshman English composition sections. Range: college freshmen. Time to

give: 90 minutes. Time to score: no information. Standardized: no.

"The test consists of 2 parts. Part I is made up of a section on spelling; two sections on the mechanics of English, including punctuation; and one on pronunciation. Part II requires the writing of a 300-word theme on a given subject."

Publisher: not published for general distribution.

**Bucknell Placement Test in English.** By H. W. Robbins. Published: 1927. Purpose: for classification of entering college freshmen. Range: freshmen in college. Time to give: 40 minutes. Time to score: 5 minutes. Standardized: no.

This test consists of 5 parts. Part I is a test in sentence structure; Part II, in spelling; Part III, in grammar; Part IV, in punctuation; Part V, in vocabulary.

Publisher: University Print Shop.

Price: not published for general distribution.

**Columbia Research Bureau English Test.** By H. R. Steeves, Allan Abbott, and B. D. Wood. Published: 1926. Purpose: to measure achievement in English. Range: high school and college. Time to give: 1 hour, 25 minutes. Time to score: short. Standardized: yes.

This is a test of general achievement covering spelling; mechanics of English, including punctuation; vocabulary and literary knowledge. It consists of 40 questions in spelling, several paragraphs containing 60 errors of mechanics of language, 100 multiple-response items in vocabulary, and 100 multiple-response items in literary knowledge. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.40 per package of 25 examination booklets; specimen set, 25 cents.

**Cross English Test.** By E. A. Cross. Published: 1924. Purpose: to measure pupil's ability to use correct grammatical forms of English and acceptable sentence structure in speaking and writing. Range: high-school seniors and college freshmen. Time to give: 40 minutes. Time to score: 4 minutes. Standardized: yes.

This test is made up of 8 parts as follows: Part I, Spelling, 32 words, with two spelling possibilities, the correct word to be checked; Part II, Pronunciation, 32 words with two columns of words marked for pronunciation, the correct form to be checked; Part III, Recognizing a sentence, 5 groups of faulty and complete sentences to be properly designated; Part IV, 15 sentences to be punctuated; Part V, Verb forms, 16 sentences in which correct or preferred verb form is to be underlined; Part VI, Pronoun forms, 12 sentences in which correct pronoun form is to be underlined; Part VII, Idiomatic expressions, correct idiom in each of 12 sentences to be checked; Part VIII, Miscellaneous faulty expres-

sions, to be marked by "F" if faulty—by "C" if correct. Forms A, B, and C are available.

Publisher: World Book Co.

Price: \$1.20 per package of 25 examination booklets; specimen set, 25 cents.

**Detroit Examinations in English.** By Detroit Public Schools. Published: 1926; 1927. Purpose: to measure pupils' knowledge in English. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

The examination for English 1, Part I, is made up of a test in judging the merit of letters, 2 tests on the parts of a letter, a spelling test, and a test in punctuation and capitalization. Part II is made up of a test in parts of speech, classification of sentences, construction of words in sentences, classification of phrases and clauses, a list of sentences containing common errors in grammar which are to be corrected, and a test in the association of word meanings. The examination for English 6, Part I, consists of general questions in English of the multiple-response type. Part II consists of the continuation of the questions found in Part I, and questions of the true-false type. The examination for English 7, Part I, consists of general questions in English of the multiple-response and completion types, and a test in quotations. Part II consists of questions of the true-false and best-answer types, general fact questions, test in classicism, and matching test of authors and literary works.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and M. F. Carpenter. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

English Series EA-1, Aptitude. Part 1 measures a pupil's ability to comprehend and apply rules; Part 2, ability to secure correct ideas from English textbook material; Part 3, reading comprehension; Part 4, literary appreciation.

English Series ET-1, Training. Part 1 consists of a list of 50 spelling words, 15 of which are misspelled and are to be written correctly by the pupil; Part 2 is a test of punctuation and sentence structure; Part 3, grammar; Part 4 measures ability to distinguish between clearness, emphasis, and force in sentences.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series complete, plus transportation; specimen copy, either form, 5 cents postpaid.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Purdue English Test.** By G. C. Brandenburg. Published: 1919. Purpose: to measure the ability of college freshmen in English. Range: high school and college. Time to give: 35 minutes. Time to score: 15 minutes. Standardized: yes.

There are 7 separate tests: (1) Punctuation, (2) Grammar, (3) Choice of words, (4) Literary information, (5) Spelling, (6) Vocabulary, (7) Reading. The first contains 20 sentences to be punctuated; the second contains 20 sentences with a choice of words for grammatical corrections; the third, 20 sentences with a choice of words to be made; the fourth, 20 sentences each bringing out some point concerning literature or an author; the fifth contains 30 words, some spelled correctly and some incorrectly with the words "right" and "wrong" after each; the sixth contains 30 words with several meanings after each, one of which is correct; the seventh contains 2 short selections to be read and questions answered on each. Equivalent forms 2 and 3 are available.

Publisher: G. C. Brandenburg, Purdue University.

Price: 2 cents per copy.

**Tressler English Minimum Essentials Test.** By J. C. Tressler. Published: 1924. Purpose: to test the pupil's mastery of the essentials in English. Range: grades 6-12. Time to give: no time limit; approximately 40-45 minutes. Time to score: short. Standardized: yes.

The test consists of 7 tests under the following heads: Test 1, Grammatical correctness (20 sentences with a choice of 2 expressions); Test 2, Vocabulary (15 sentences with a choice of one synonym from 5); Test 3, Punctuation and capitalization (5 sentences to be punctuated correctly without rewriting); Test 4, The sentence and its parts (4 sentences in which the subject and verb are to be designated; 3 sentences with words underscored—these to be identified as parts of speech; and 3 sentences to classify); Test 5, Sentence sense (10 sentences or groups of words which are to be scored as incomplete); Test 6, Inflection and accent (10 sentences involving the use of different tenses of the verb, possessive singular and possessive plural of nouns, and accent of syllables); Test 7, Spelling (15 blanks for dictated words). Forms A, B, and C are available.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25; specimen set, 10 cents.

## ENGLISH USAGE

**Brezler Test of Ability to Detect Errors in English.** By Ann Brezler. Published: 1924. Purpose: to test ability to detect errors in English. Range: grades 3-6. Time to give: no time limit. Time to score: 2 minutes. Standardized: yes.

This test is made up of 50 short sentences, some of which contain grammatical errors. The pupil is to indicate which sentences are correct and which are incorrect. Two equivalent forms are available.

Publisher: Research Bureau, Minneapolis Public Schools, Minneapolis, Minn.

Price: not available for general distribution.

**Buckingham's English Grammar Scale.** By B. R. Buckingham. Published: 1916. Purpose: to measure ability in formal grammar. Range: grades 7B, 8B, and 9B. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is composed of 38 difficult questions on formal grammar. It was used by the author during the Third Conference on Educational Measurements held at Indiana University to illustrate the principles of scale derivation.

Publisher: not published for general distribution.

**Buckingham's English Grammar Test.** By B. R. Buckingham. Published: 1915. Purpose: to measure ability in grammar. Range: grades 7 and 8. Time to give: no information. Time to score: no information. Standardized: locally.

The test is composed of questions concerning the form and construction of nouns and pronouns, classification of verbs, use of participles, infinitives, etc. The tests were used in making a study of formal grammar as a school subject. Reference: *Seventeenth Annual Report of Schools*, City of New York, 1914-15.

Publisher: B. R. Buckingham, Ohio State University.

Price: no information.

**Buckingham Information Tests in English Grammar, Series A to J.** By B. R. Buckingham. Not published for general distribution.

**Charters' Diagnostic Grammar Test.** By W. W. Charters. Published: 1922. Purpose: diagnostic. Range: grades 7 and 8. Time to give: no time limit. Time to score: 2 minutes. Standardized: yes.

The test is composed of exercises on the use of parts of speech. Sentences are given, some of which are correct and others incorrect. If the sentence is correct, a cross is to be made under it; if it is incorrect, the pupil is to write the correct form under the word that is incorrect. The reason for the correction is to be written at the right of the sentence. A miscellaneous test has been devised which gives exercises in many different phases of sentence construction. Forms I and II are available. This is the same as Charters' Diagnostic Language and Grammar Tests.

Publisher: Public School Publishing Co.

Price: \$1.50 per 100 copies for each part; specimen set, 10 cents.

**Charters' Diagnostic Language and Grammar Tests.** By W. W. Charters. Published: 1922. Purpose: to diagnose pupil difficulties in grammar. Range: grades 3-8. Time to give: no time limit. Time to score: no information. Standardized: yes.

The test is composed of questions on the use of verbs and pronouns. Sentences are given, some of which are correct, and others incorrect, in which the incorrect words are to be corrected. The reason for the correction is also to be given. A miscellaneous test is devised which gives exercises in many different phases of sentence construction. Forms I and II are available.

Publisher: Public School Publishing Co.

Price: out of print.



**Charters' Diagnostic Language Tests.** By W. W. Charters. Published: 1918; revised, 1922. Purpose: to test pupils' knowledge of language and diagnose difficulties. Range: grades 2-12. Time to give: no time limit. Time to score: 2 minutes for each test. Standardized: yes.

There are 5 separate tests: Miscellaneous A and B, Verbs A and B, and Pronouns. All are similar in construction. Each contains 40 sentences, some correct, some incorrect. If the sentence is correct, a cross is to be made on the dotted line below it; if incorrect, the correct word is to be written under the incorrect word.

Publisher: Public School Publishing Co.

Price: 80 cents per 100, each part; specimen set, 10 cents.

**Chicago Supervisory Tests: Capitalization and Punctuation.** By E. E. Keener. Published: 1926. Purpose: to measure ability in capitalization and punctuation. Range: grades 5-8. Time to give: no time limit. Time to score:  $\frac{1}{2}$  minute. Standardized: partially.

This test is made up of a paragraph and 6 sentences to be dictated and properly capitalized and punctuated by the pupils.

Publisher: not published for general distribution.

**Chicago Supervisory Tests: Language Usage.** By E. E. Keener. Published: 1926. Purpose: to measure ability in language and diagnose difficulties. Range: grades 5-8. Time to give: no time limit. Time to score:  $\frac{1}{2}$  minute. Standardized: partially.

Test I is of the multiple-response type, made up of 15 sentences which are to be stated correctly. Test II is made up of 15 sentences of the completion type.

Publisher: not published for general distribution.

**Clapp's Standard School Tests in Correct English.** By F. L. Clapp. Published: 1918. Purpose: to measure pupils' ability to use correct English. Range: grades 5-8. Time to give: 20 minutes. Time to score: 2 minutes. Standardized: yes.

The Clapp's Standard School Tests are general tests in English composed of 29 exercises in sentence completion. In some cases mutilated sentences are to be completed while in others complete statements are to be made or questions answered. The first 4 questions are worked out by the class together as a preliminary exercise to acquaint the pupils with the type of work to be done.

Publisher: University of Wisconsin.

Price: \$1.25 per 100; directions for examiner, 2 cents each.

**The Clapp-Young Self-Marking English Tests.** By F. L. Clapp and Robert Young. Published: 1927. Purpose: to test pupils' ability to capitalize properly, punctuate, distinguish word form, and use grammar. Range: grades 5-12. Time to give, 25 minutes. Time to score: self-scoring. Standardized: yes.

Double pages, folded and fastened together, make up the mechanical structure of the test. When opened all answers that are correct are recorded by means of a strip of carbon in the back of the sheet. Part

I is made up of 15 sentences in which missing mechanics of punctuation are to be indicated by an X before the suggested errors. Part II consists of 84 sentences containing blanks. The grammatical form that belongs in the blank is to be checked from suggested words at the side. Part III involves the use of grammatical rules to be checked.

Publisher: The Lakeland Publishing Co.

Price: \$1.25 per package of 25.

**Clemens' Grammar Test.** By A. H. Clemens. These tests have been abandoned.

**Clemens' Punctuation Test.** By A. H. Clemens. Range: grades 8 thru college. These tests have been abandoned.

**De Breuil Tests in Literature and Formal English.** By Alice De Breuil. For description, see "Literature."

**Denver Curriculum Tests in English.** By Denver Public Schools. Published: 1925-1927. Purpose: to measure achievement in formal English. Range: grades 7-10, varying with the test. Time to give: 30 minutes for each test. Time to score: 1 minute. Standardized: locally.

This is a series of 4 tests. Test 1, Sentence structure, and Test 2, Composition and grammar, are for grades 7-9; Test 3, Minimum essentials of grammar and punctuation, is for grades 9 and 10; and Test 4, Grammar, vocabulary, and punctuation, is for grade 10. These tests include recognition, classification, and punctuation of sentences; grammatical usage, comparison of paragraphs, and organization of compositions. Several types of tests are used, including the matching, multiple-response, and completion types.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**The Franseen Diagnostic Tests in Language.** By Charles E. Franseen. Published: 1924. Purpose: to diagnose errors in elementary school language. Range: grades 3-8. Time to give: 35 minutes for each part. Time to score: 3 minutes for each part. Standardized: yes.

"The series consists of 3 parts. Part I is on Pronouns, Part II is on Verbs, and Part III is on Varied Constructions, exclusive of pronouns and verbs.

"The emphasis is on diagnosis rather than on final achievement. This series is primarily a teaching device." Forms A and B are available.

Publisher: Bureau of Administrative Research, College of Education, University of Cincinnati.

Price: \$2 per package of 100 test booklets, complete; 2½ cents per copy; specimen set any part, both forms, 10 cents postpaid; specimen set, all 6 forms, 45 cents postpaid.

**Gregory Language and Grammar Test.** By C. A. Gregory. Reference: *University of Oregon Publication*, vol. 1, no. 1, 1919.

**Guiler Diagnostic Test in Capitalization.** By Walter S. Guiler. Published: 1927. Purpose: to discover common errors in capitalization. Range: grades 3 thru college. Time to give: 10 minutes. Time to score: 3 minutes. Standardized: yes.

This test is made up of exercises covering the elements in capitalization most commonly used. Three measures are provided in the test for each capitalization ability. The test is accompanied by a diagnostic chart.

Publisher: Rand McNally and Co.

Price: 45 cents per pad of 50 sheets.

**Guiler Diagnostic Test in Punctuation.** By Walter S. Guiler. Published: 1926. Purpose: to discover common errors in punctuation. Range: grades 3 thru college. Time to give: 10 minutes. Time to score: 3 minutes. Standardized: yes.

This test consists of 32 exercises covering the different rules for punctuation. Three of the exercises deal with the punctuation used in letter writing and the other exercises deal with the punctuation used in ordinary sentence structure. Three measures are provided in the test for each punctuation ability. The test is accompanied by a diagnostic chart.

Publisher: Rand McNally and Co.

Price: 45 cents per pad of 50 sheets.

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Cooperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Individual Attainment Scale for Clinical Use.** By J. E. Wallin and Margery Gilbert. For description, see "Composite."

**Iowa High School Content Examination.** By G. M. Ruch and others. For description, see "Composite."

**Kansas Grammar Test.** By Teresa M. Ryan and E. R. Barrett. Published: no information. Purpose: to measure pupils' ability in the use of grammar. Range: grades 7 and 8. Time to give: no information. Time to score: no information. Standardized: no information.

This test is made up of four tests on the following phases of grammar: Test I, nouns; Test II, subjects of verbs; Test III, independent clauses; and Test IV, modifiers. The pupil identifies the part of speech by underlining it in a sentence.

Publisher: Bureau of Educational Measurements and Standards, Kansas State Teachers' College.

Price: 30 cents, postpaid, per package of 25 tests; \$1 per 100 copies, F.O.B.; specimen set, 15 cents, postpaid.

**Kelley Completion Exercises, Alpha and Beta.** By Truman L. Kelley. Published: 1920. Purpose: to measure ability to complete sentences.

Range: grade 2 to college graduates. Time to give: varies from 20 minutes to  $\frac{3}{4}$  hour. Time to score: no information. Standardized: yes.

The tests are composed of 2 equivalent exercises, Alpha and Beta. Each exercise is composed of 40 sentences to be completed. This test is an adaptation of the Trabue Completion-Test Language Scales.

Publisher: Teachers College, Columbia University.

Price: 75 cents. The manual for this scale is Trabue's "Key for Completion-Test Language Scales," 1922 edition.

**Kirby Grammar Test.** By Thomas J. Kirby. Published: 1920. Purpose: to measure pupils' ability to choose correct English usage and to recognize the principle in accordance with which the usage is correct. Range: grades 7-12. Time to give: about 35 minutes. Time to score: short. Standardized: for grades 7 and 8.

The test is made up of 5 sections of sentences and rules or principles governing each. The sentences are composed of statements with 2 or more possible answers. The pupil is to select the correct word to be used and then from a parallel column of rules or principles governing the sentences in the section, he is to select the principle governing the usage he has selected.

Publisher: Extension Division, University of Iowa.

Price: \$1.75 per 100, complete; specimen set, 10 cents postpaid.

**Leonard Sentence Recognition Test.** By S. A. Leonard. Published: 1923. Purpose: to test ability to recognize sentences. Range: grades 7-12. Time to give: no information. Time to score: short. Standardized: yes.

This test presents 20 groups of sentences with misplaced capitalization and punctuation. The pupil is to point off the sentences by periods and capital letters.

Publisher: S. A. Leonard, Wisconsin High School, Madison, Wis.

Price: 90 cents per 100 copies.

**Los Angeles Diagnostic Tests: Language.** By Caroline Armstrong. Published: 1927. Purpose: to measure achievement in capitalization, punctuation, and language usage. Range: grades 3-9. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This test is made up of 9 parts, each consisting of a number of exercises in capitalization, punctuation, grammar, or sentence structure. Forms I, II, III, and IV are available.

Publisher: Research Service Co.

Price: \$3 per 100, any form; \$25 per 1,000; specimen set, complete, 10 cents.

**Minnesota Tests in English Grammar.** By M. E. Haggerty. Published: no information. Purpose: to diagnose pupil difficulties in English grammar. Range: no information. Time to give: 30 minutes. Time to score: no information. Standardized: no information.

The test is composed of 10 exercises dealing with verb conjugations, nouns, clauses, phrases, analysis of sentences, etc.

Publisher: Bureau of Coöperative Research, University of Minnesota.

Price: *out of print*.

**Moe Essentials Test:** By Maurice W. Moe. Published: 1927. Purpose: to measure achievement in language usage. Range: grades 6 thru college. Time to give: no information. Time to score: no information. Standardized: no information.

This test is made up of 8 sentences to be properly capitalized and punctuated. Test A is for the first testing, and Test B, which is similar in construction, is for the second testing. Forms A and B are available.

Publisher: Kenyon Press.

Price: 1 cent per sheet; \$1 per 100; \$9 per 1,000; specimen set, 10 cents, postpaid.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**New York English Survey Tests.** By E. L. Cornell, W. W. Coxe, J. S. Orleans, and E. B. Richards. Published: 1925. Purpose: to measure achievement in English. Range: grades 4-8. Time to give: 6 to 21 minutes, according to part given. Time to score: 1 to 5 minutes, according to part given. Standardized: yes.

These tests include 4 separate tests. Test *a*, Sentence structure, is a test in the essential structure, spelling, technical correctness, and grammar and language usage in spontaneous written composition; test *b*, Language usage, is a test in recognition of correct forms to replace incorrect forms, and correct usage of certain forms; test *c*, Grammar, is a test in the nomenclature of English grammar; and test *d*, Literature information, is a test in information concerning items of English literature (books, authors, and characters).

Publisher: Public School Publishing Co.

Price: \$1 per 100, each test; specimen set, 15 cents.

**Omnibus Achievement Test.** By C. W. Odell. For description, see "Composite."

**O'Rourke's Grammar Achievement Test.** By L. J. O'Rourke. For description, see "O'Rourke Series of Aids in Placement and Guidance" under "Vocational."

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolf Pintner. For description, see "Composite."

**Plymouth Educational Tests—Grammar, Punctuation 40A.** By James E. McDade. Published: 1920. Purpose: to measure ability to punctu-

ate. Range: grades 4-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. The pupil is to copy a series of 10 sentences and supply the proper punctuation. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Language-Grammar Test.** By James E. McDade. Published: 1924. Purpose: to measure the ability of the pupil to detect and point out common errors in English and his mastery of the fundamentals of grammar. Range: grades 5-12. Time to give: 20 minutes. Time to score: short. Standardized: yes.

This test consists of a series of 48 groups of sentences. One sentence in each group contains a grammatical error, which the pupil is required to point out. An unusual feature of this test lies in the fact that the test blank may be used over and over again. The test is printed on a heavy manilla folder, with window-like openings cut, thru which the pupil indicates his responses on a sheet of blank paper inserted in the folder. As soon as the tests have been scored, the blank paper is removed and the folder reloaded ready for use again.

Publisher: Plymouth Press.

Price: 30 cents each; \$3 per dozen.

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetical Reasoning, and English Grammar).** By S. L. Pressey. For description, see "Composite."

**The Progress Language-Form Test.** By M. C. Lefler, T. V. Goodrich, Merle M. Beattie, and Clare McPhee. Published: 1927. Purpose: to discover most common language-form errors, and to measure pupils' progress in eliminating these errors. Range: grades 3-8. Time to give: no time limit. Time to score: short. Standardized: tentatively.

This test contains 50 parts, each part consisting of two sentences, one of which is wrong. A line is to be drawn thru the sentence that is wrong. Forms A and B are available. Reference: *Elementary School Journal*, October, 1925.

Publisher: The University Publishing Co.

Price: 30 cents for 1 complete set of 25 pupil sheets and teacher's directions and score card, either form.

**The Schutte English Diction Test.** By T. H. Schutte. Published: 1926. Purpose: to test pupil ability to recognize and to point out errors of diction. Range: junior and senior high schools, normal schools, and colleges. Time to give: approximately 60 minutes. Time to score: 3 minutes. Standardized: no.

This test is made up of an article entitled, "A Trip to Arizona," in which certain words, phrases, and other expressions are inclosed in

rectangles. The rectangles are numbered. A check mark is to be placed by the number if there is an error of diction. The same test is to be used at both the beginning and the end of the semester.

Publisher: Public School Publishing Co.

Price: \$3 per package of 25 tests, 25 manuals, and a set of scoring stencils; specimen set, without scoring key, 15 cents.

**Starch's English Grammar Test.** By Daniel Starch. Published. 1920.

Purpose: to measure information and ability in parts of speech, cases, and forms of verbs. Range: grades 7-12. Time to give: 9 minutes. Time to score: no information. Standardized: yes.

The test is made up of 3 parts: (1) Parts of speech, (2) Cases of nouns and pronouns, (3) Tense and mode of verbs. The pupil has 3 minutes in which to indicate the part of speech, case, or tense and mode of as many words as he can by writing the abbreviation over the word.

Publisher: University Coöperative Co.

Price: 30 cents per 100 sheets. One direction sheet covering 3 tests required for examination, 2 cents per sheet.

**Starch's Grammatical Scale A: English.** By Daniel Starch. Published: 1920.

Purpose: to diagnose pupil difficulties in grammar. Range: grades 5-12. Time to give: no time limit. Time to score: short. Standardized: yes.

The scale is made up of 11 steps of from 1 to 4 sentences each. Each sentence has in parenthesis 2 ways in which it may be stated. The pupil is directed to cross out the one he thinks is incorrect. If both are incorrect, they should be crossed out.

Publisher: University Coöperative Co.

Price: 80 cents per 100; direction sheet, 2 cents.

**Starch's Punctuation Scale A.** By Daniel Starch. Published: no information.

Purpose: to measure ability to punctuate sentences. Range: grades 5-12. Time to give: no time limit. Time to score: short. Standardized: yes.

The scale is made up of 10 steps, increasing in difficulty. Each step is composed of from 1 to 4 sentences to be punctuated.

Publisher: University Coöperative Co.

Price: 80 cents per 100; direction sheet, 2 cents.

**Thompson's Research Tests.** By Thomas E. Thompson. Published: no information.

Purpose: to measure pupils' ability to give parts of speech of words in sentences. Range: no information. Time to give: no information. Time to score: short. Standardized: no information.

The test is composed of 9 sentences printed with the lines spaced far enough apart for the abbreviation of each of the 8 parts of speech to be set under each word. A cross is to be made thru the center of the abbreviation which the pupil thinks is correct.

Publisher: Thomas E. Thompson, Monrovia, Calif.

Price: no information.

**Trabue Completion-Test Language Scales.** By M. R. Trabue. Published: 1919. Purpose: to measure the language ability of an individual, a class, or group. Range: grades 2-12. Time to give: 5 to 7 minutes. Time to score: short. Standardized: yes.

The scales are made up of 11 tests: scale B, C, D, E, F, J, K, L, M, and Alpha and Beta. The scales are made up of a number of sentences of the completion type. Scales B, C, D, E, F are equivalent and may be used in grades 2-12. "If time is limited, Scales D and E should be used as a test, and Scales B and C to measure improvement." Scales J and K are equivalent and are intended primarily to measure adults and high school classes.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 50 cents per 100 of Scales B, C, D, E, F, J, K, L, or M; specimen set of each scale, 10 cents postpaid. For examiner: one copy of "A Key to Trabue Language Scales," 75 cents; or Key for Scales B and C, 20 cents.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**The Wakefield Diagnostic English Test.** By Ethel Wakefield. Published: 1923. Purpose: to measure achievement and diagnose pupil difficulty. Range: grades 9-12. Time to give: 35 minutes. Time to score: 3 minutes. Standardized: no

This test consists of 14 parts made up as follows: Parts 1 and 2 are noun constructions; parts 3 and 4, verb constructions; Parts 5 and 6 deal with voice; Parts 7 and 8 with mood; Parts 9 and 10 with tense; Part 11 is classification of sentences into simple, compound, and complex; Part 12 deals with kinds of clauses; and Parts 13 and 14 test pupils' ability to deal with sentence construction and recognize certain common errors as rambling sentence, comma blunders, dangling participles, and incomplete sentence. Forms A and B available.

Publisher: Bureau of Administrative Research, College of Education, University of Cincinnati.

Price: \$2 per package of 100 test booklets, complete; in quantities less than 100, 2½ cents per copy; specimen set, both forms, complete, 10 cents, postpaid.

**Wilson Language Error Test.** By G. M. Wilson. Published: 1923. Purpose: to measure pupil's ability to detect common language errors. Range: grades 3-12. Time to give: 5 to 15 minutes. Time to score: about 2 minutes. Standardized: yes.

This is a group test which may be used to test at the same time as many pupils as can be assembled in a room. It consists of 3 short stories, each containing 28 most common language errors. The correction of a story is done by the pupil just as tho he were correcting the first draft of his own composition.



Publisher: World Book Co.

Price: \$1.25 for package of 25 examination booklets, complete; specimen set, 15 cents, postpaid, complete.

**Wisconsin Sentence Recognition and Grammatical Correctness Tests.**

By S. A. Leonard. Published: 1923. Purpose: to diagnose pupils' ability to use high school grammar correctly. Range: grades 7-12. Time to give: no time limit. Time to score: 2 minutes. Standardized: yes.

The Sentence recognition tests are made up of tests V and VI, Series A, each consisting of 20 groups of words which are to be made into sentences. The tests of Grammatical correctness are made up of forms A and B, each consisting of 20 sentences of the completion type.

Publisher: National Council of Teachers of English.

Price: 1 cent per sheet; 25 or more copies of the same sheet, 90 cents per 100.

**Witham's Grammar Tests.** By Ernest C. Witham. Published: 1924, 1926. Purpose: to measure ability in grammar. Range: grades 6-8. Time to give: no time limit. Time to score: short. Standardized: yes.

The tests are divided into two parts: one for pronouns, published in 1924; and one for verbs, published in 1926. The test in pronouns is of the completion type and is divided into five sections on personal, interrogative, and relative pronouns, agreement with antecedents, and distinction between the uses of interrogative and relative pronouns. The test in verbs consists of 10 completion type sentences in the use of each of the following: lay or lie, sit or set, rise or raise, shall or will, should or would, can or may.

Publisher: J. L. Hammett Co.

Price: \$1 per 100, each test.

## COMPOSITION

**Breed-Frostic Scale for Measuring the General Merit of English Composition in the Sixth Grade.** By F. S. Breed and F. W. Frostic. Published: 1917. Purpose: to measure general merit of English composition. Range: grade 6. Time to give: 20 minutes. Time to score: no information. Standardized: yes.

The scale is made up of 9 sample compositions arranged in order of value. The values range from .2 to 9.7. The teacher reads the first part of a story called "The Picnic." When the story breaks off, the pupils are to finish it. Composition is graded by comparing it with the samples on the scale. The value of the composition graded is the value of the sample in the scale that resembles it most. *One scale is needed for each teacher or examiner.*

Publisher: F. S. Breed, University of Chicago.

Price: 19 cents per copy, including an 18-page pamphlet describing the scale.

**Briggs' English Form Test.** By Thomas H. Briggs. Published: 1921. Purpose: to measure the pupil's knowledge of the common elements of English composition. Range: grades 7-9. Time to give: no time limit. Time to score: short. Standardized: yes.

The test is composed of 2 parallel forms, Alpha and Beta. Each test consists of 20 sentences to be punctuated; all necessary capital letters and punctuation marks are to be inserted so that the sentence will be correct. Reference: *Teachers College Record*, January, 1921.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 80 cents per 100 copies, Alpha or Beta; instructions, 25 cents.

**Courtis Standard Research Test in Composition.** For description, see Greene's Organization Tests.

**Detroit Public Schools Composition Test.** By Detroit Public Schools. Published: 1917. Range: grades 3-8. Purpose: to train teachers in the grading of compositions. Time to give: varies. Time to score: varies. Standardized: yes.

This is a booklet of 158 pages containing compositions of all possible ranks, standardized on the Hillegas Scale.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Driggs-Mayhew National Scales for Measuring Compositions.** By Howard R. Driggs and Alfred F. Mayhew. Published: 1927. Purpose: to evaluate pupils' compositions. Range: grades 7-9. Time to give: 15 minutes. Time to score: short. Standardized: yes.

The scales for measuring these compositions are taken from work done in 23 schools. The scale for each grade is made up of 15 uncorrected compositions, including 3 samples of each of the 5 different qualities. The lesson test included with these scales may be used as a survey test, a progress test, or a promotion test in ability to write compositions.

Publisher: The University Publishing Co.

Price: 25 cents per copy.

**Harvard-Newton Composition Scales.** By Frank W. Ballou. Published: 1914. Purpose: to measure the ability of pupils in 4 types of written composition. Range: grades 7-9. Time to give: short. Time to score: short. Standardized: yes.

These consist of 4 separate composition scales: narration, description, exposition, and argumentation. Each scale is composed of 6 specimen compositions ranging in values from 40 to 95. "For each specimen there is given a statement of the most significant merits and defects." The value of the sample in the scale nearest in merit to the composition being graded is the value assigned to it. Intermediary values may be assigned. *One scale of each type of composition is needed for each teacher or examiner.*

Publisher: Harvard University Press, also Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: 50 cents per copy of complete scale; separate scales, 12 cents each.

**The Hillegas Scale for Measurement of English Composition by Young People.** By Milo B. Hillegas. Published: 1912. Purpose: to measure the ability of young people in English Composition. Range: elementary and high school. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is composed of 10 sample compositions ranging in value from 0 to 937. Papers are scored by comparison with the standard scale. *One scale is needed for each teacher or examiner.* Reference: *Teacher's College Record*, September, 1912.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 3 cents per copy.

**Hudelson's English Composition Scale.** By Earl Hudelson. Published: 1921. Purpose: to serve as an objective measure for grading English compositions. Range: grades 4-12. Time to give: 20 minutes. Time to score: short. Standardized: yes.

The scale is composed of 16 specimens ranging in value from 2.00 to 9.50. The values were given by 96 competent judges. Compositions are to be measured by comparing them with the specimen in the scale and the value given is the value of the specimen nearest the merit of the sample measured. *One scale is needed for each teacher or examiner.*

Publisher: The World Book Co., also Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: 25 cents.

**Hudelson's Maximal Composition Ability Scale.** By Earl Hudelson. Published: 1923. Purpose: to classify pupils in composition. Range: grade 1 thru university. Time to give: 20 minutes. Time to score: depends on length of theme. Standardized: no information.

The scale is composed of 18 themes written on the subject "How I Learned a Lesson." The specimens are arranged in order of value, ranging from 0.0 to 9.0. This scale "should be used at the beginning of the term for grouping pupils advantageously." *One scale is needed for each examiner or teacher.*

Publisher: World Book Co.

Price: no information.

**Hudelson's Typical Composition Ability Scale.** By Earl Hudelson. Published: 1923. Purpose: designed primarily to grade pupils justly within their own group. Range: grade 1 thru university. Time to give: 20 minutes. Time to score: depends upon length of theme. Standardized: yes.

The scale is composed of 18 themes written on the subject "A Snowball Fight on Slatter's Hill." The specimens are arranged in order

of value, ranging from 0.0 to 9.0. This scale "should be used, at the close of school when the teacher needs to grade a pupil reliably upon his effort." Reference: Part I of the *Twenty-second Year Book of the National Society for the Study of Education, 1923*. One scale is needed for each teacher or examiner.

Publisher: World Book Co., also Public School Publishing Co.

Price: \$1 per package of 25; 10 cents per copy; Teacher's Handbook, 10 cents; specimen set, 20 cents.

**Leonard Scale for the Judgment of Composition Quality.** By S. A. Leonard. Published: 1926. Purpose: to measure the pupil's ability to write compositions, and to show progress of improvement. Range: grades 4-9. Time to give: no time limit. Time to score: short. Standardized: yes.

This scale is made up of 8 stories on the general subject of "Doing Something Difficult but Worth While," as written by pupils in grades 4-9. The scale is based upon grades by the Nassau County Scale. "Errors in mechanics (spelling, punctuation, conventional 'grammatical correctness,' or manuscript form) are not considered." Each composition in the scale is followed by the median. One scale is needed for each teacher or examiner.

Publisher: S. A. Leonard, University of Wisconsin.

Price: 15 cents.

**Lewis' Scale for Measuring Special Types of English Composition.** By Erwin E. Lewis. Published: 1922. Purpose: to measure ability in letter writing as well as in narrative composition. Range: grades 4-12. Time to give: 20 to 30 minutes. Time to score: 2 to 3 minutes. Standardized: yes.

The scale is published in a small book which contains a discussion of the values and limitations of well-known compositions and includes 5 new scales. Each of the new scales that has been added was devised for the purpose of measuring a particular form of written English. "Two are business letters; two are for the measurement of friendly letters of two different types; the fifth scale is composed of narrative compositions." The scale is not published separately from the book. One scale is needed for each teacher or examiner.

Publisher: World Book Co.

Price: 25 cents each.

**Minnesota English Composition Scale.** By M. E. Haggerty. *Out of print*. Now published as Van Wagenen English Composition Scales.

**Nassau County Supplement to the Hillegas Scale.** By M. R. Trabue. Published: 1916. Purpose: to measure objectively general merit in English composition. Range: grades 4-12. Time to give: 20 minutes. Time to score: 2 to 5 minutes. Standardized: yes.

The scale is composed of 10 specimens ranging in value from 0 to 9.0. "Each of the compositions tends to be of the same general narrative type." The composition to be graded is compared with the specimen

in the scale and the value assigned to it that is given to the specimen nearest it in merit. *One scale is needed for each teacher or examiner.*

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 8 cents per copy; \$5 per 100. "Supplementing the Hillegas Scale" by M. R. Trabue gives derivation, directions for using, norms and samples for practice, 35 cents. May be purchased also from the Public School Publishing Co., for 12 cents per copy; 3 or more copies, 9 cents each; extra class record sheets, 1 cent each.

**Pressey Diagnostic Tests in English Composition.** By S. L. Pressey, Mrs. E. V. Bowers, Helen Ruhlen, and F. R. Conkling. Published: 1923. Purpose: to discover particular weaknesses of pupils in English composition. Range: grades 7 thru college. Time to give: 1 to 15 minutes, depending on the test given. Time to score: 1 minute for each test. Standardized: yes.

There are 4 separate tests. Test a, Capitalization, consists of 28 sentences to be properly capitalized; Test b, Punctuation, consists of 30 sentences to be properly punctuated; Test c, Grammar, consists of 30 groups of 4 sentences each, each group including one grammatically incorrect sentence which is to be marked; Test d, Sentence structure, consists of 24 groups of 4 sentences each containing one sentence structurally incorrect which is to be marked.

Publisher: Public School Publishing Co.

Price: Test a, 75 cents per 100; Test b, 75 cents per 100; Test c, \$1.50 per 100; Test d, \$1.50 per 100.

**Providence Scale for the Measurement of English Composition.** By Providence (R.I.) Public Schools. Published: 1917. Purpose: to measure compositions written by pupils. Range: grades 5-8. Time to give: no information. Time to score: no information. Standardized: yes.

These are separate scales for grades 5, 6, 7, and 8. Each scale consists of examples of different qualities of compositions written by pupils in various schools in Providence, R.I.

Publisher: Department of Public Schools, 9 Exchange Terrace, Providence, R.I.

Price: not published for general distribution.

**Rice's Composition Scale.** By J. M. Rice. Published: 1903. Purpose: to measure ability in composition writing. Range: no information. Time to give: no information. Time to score: no information. Standardized: tentatively.

The scale is constructed from 8,300 themes written by pupils in various schools. "The themes are graded by placing them in 5 piles, known as excellent, good, fair, poor, and failure. From this distribution, class averages are computed and samples of the reproduced story selected as guides to further scoring."

Publisher: not published for general distribution.

**Seaton-Pressey Diagnostic Tests in English Composition.** By J. T. Seaton and S. L. Pressey. Published: 1926. Purpose: to test pupils' ability to perform skills necessary in composition writing. Range: grades 3-6. Time to give: 16 minutes. Time to score: short. Standardized: yes.

This test is composed of 4 parts, as follows: (a) a test in the minimum essentials of capitalization; (b) of good usage of words; (c) of punctuation; (d) of sentence structure. Parts *a* and *b* are on one sheet and parts *c* and *d* on another. This is the same type of test as the Pressey Diagnostic Tests in English Composition but is meant for the lower grades.

Publisher: Public School Publishing Co.

Price: 75 cents per 100 copies of either sheet; specimen set, 10 cents.

**Stark Measurement of Eighth-Grade Composition.** By William E. Stark. Published: 1915. Purpose: to measure ability in composition of pupils in the eighth grade and to compare the quality of eighth-grade compositions written under the same conditions at an interval of 3 years. Range: grade 8. Time to give: no information. Time to score: no information. Standardized: no information.

The scale was arranged from compositions written in 1911 and in 1914.

Publisher: not published for general distribution.

**The Thorndike Extension of the Hillegas Scale.** By E. L. Thorndike. Published: 1915. Purpose: to measure the general merit of compositions. Range: all grades. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is composed of 29 compositions arranged in 14 values. Seven of the compositions are taken from the original Hillegas Scale. The scale furnishes a variety of types of themes. Compositions are graded by comparing them with the specimen in the scale. The pupil's grade is the value of the specimen in the scale nearest in merit to the composition measured. *One scale is needed for each teacher or examiner.*

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 12 cents.

**Thorndike's Preliminary Extension of the Hillegas Scale for the Measurement of Quality in English Composition by Young People.** By E. L. Thorndike. Published: no information. Purpose: to measure general merit in composition. Range: grades 4-12. Time to give: no information. Time to score: no information. Standardized: no information.

The scale is composed of 15 compositions arranged in order of value. The values range from 0 to 95. The pupils' compositions are measured by comparing them with the specimens in the scale. *One scale is needed for each teacher or examiner.*

**Publisher:** Bureau of Publications, Teachers College, Columbia University.

**Price:** 8 cents.

**Topeka 1914 Scale for the Measurement of Composition in the Elementary and Secondary Schools.** By Miss C. S. Wolfe. Published: 1914. Purpose: to determine merit in composition. Range: elementary and secondary schools. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is composed of 20 specimens ranging in value from 1 to 20. Papers are graded by comparing them with the scale. If a pupil's composition work falls below Specimen 8, he is declared unprepared for promotion to the freshman class in high school.

**Publisher:** Superintendent of Schools, Topeka, Kan.

**Price:** 40 cents for pamphlet containing 1914 and 1920 scales.

**The Topeka 1920 Scale for Judging Technical Achievement in Composition.** By Miss C. S. Wolfe. Published: 1920. Purpose: to measure technical ability in composition. Range: elementary and secondary schools. Time to give: no information. Time to score: no information. Standardized: yes.

The scale was developed for the purpose of setting standards of work to be accomplished in each grade. Specimens of pupils' work are used to illustrate the use of the scale. This scale contains a summary of the requirements for each term. *One scale is needed for each teacher or examiner.*

**Publisher:** Superintendent of Schools, Topeka, Kan.

**Price:** 40 cents for pamphlet containing 1914 and 1920 scales.

**Towne Scale for English Composition.** By Charles F. Towne. Published: 1918. Purpose: to provide an objective standard for grading composition. Range: grades 4-8. Time to give: no information. Time to score: no information. Standardized: no information.

There are 5 separate scales. Each scale contains 5 samples suited to the particular grade for which the scale was constructed. The samples were arranged by the city teachers of Providence, R.I., and constructed for use in the Providence schools.

**Publisher:** Charles F. Towne, Boston, Mass.

**Price:** no information.

**Van Wagenen English Composition Scales.** By M. J. Van Wagenen. Published: 1923. Purpose: to measure separately thought content, structure, and mechanics so that a diagnosis may be made of the pupil's special strength or weakness. Range: elementary school thru college. Time to give: no time limit. Time to score: short. Standardized: no.

There are 3 separate scales for measurement of exposition, narration, and description, by means of sample specimens of known value. Each specimen is rated separately in each of three qualities: thought

content, structure, and mechanics. *One copy of the scale is needed for each teacher or examiner.*

Publisher: World Book Co.

Price: 25 cents each.

**Willing Scale for Measuring Written Composition.** By W. H. Willing.

Published: 1920. Purpose: to measure "story value" and "form value" in composition. Range: grades 4-9. Time to give: 20 minutes. Time to score: 5 minutes. Standardized: yes.

The scale is composed of 8 compositions ranging in value from 20 to 90. In rating the compositions two qualities were recognized, "story value" and "form value." The "story value" means the completeness with which the story is told. "Form value" is determined by the number of mistakes in spelling, etc., per 100 words. The pupil's grade is the value of the specimen in the scale nearest in merit to the composition measured. Intermediary values may also be assigned. *One scale is needed for each examiner or teacher.*

Publisher: Public School Publishing Co.

Price: 9 cents per copy; 3 or more copies, 6 cents each.

### LITERATURE

**Abbott-Trabue's Scales for Judging Poetry.** By Allan Abbott and M

R. Trabue. Published: 1921. Purpose: to measure poetry appreciation. Range: grades 7-12. Time to give: 45 minutes. Time to score: no information. Standardized: yes.

This test consists of 13 sets of poems of 4 each. The pupil tested reads each set carefully and writes "best" over the poem he thinks best and "worst" over the one he likes least. The original or best version is given as a standard. Reference: *Teachers College Record*, March, 1921. Series X and Y are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 5 cents per copy, Series X or Y; Manual of Directions, 25 cents.

**Barrett-Ryan Literature Test.** By E. R. Barrett and Teresa M. Ryan.

Published: no information. Purpose: to test a pupil's knowledge of 35 widely read selections in literature. Range: junior-senior high school and college. Time to give: 35 minutes. Time to score: about 4 minutes. Standardized: yes.

Thirty-five literary selections are the basis for this test. In each selection are a number of statements concerning such things as the theme, the story, the characters, and the ending. Each statement has four possibilities of completion. The best one is to be marked. Forms A and B are available.

Publisher: Bureau of Educational Measurements and Standards, Kansas State Teachers College.

Price: 75 cents per 25 copies, \$1.25 per 50, \$2.25 per 100, postpaid; specimen set, 20 cents, postpaid.



**Burch Comprehension in Literature Test.** By Mary C. Burch. Published: 1927. Purpose: to measure comprehension in literature. Range: grades 7-12. Time to give: 46 minutes. Time to score: no information. Standardized: yes.

This test consists of 3 parts, each part containing reading matter at different levels of difficulty. Two forms of the test are available. Publisher: Mary C. Burch, 15 South Thirteenth St., San José, Calif. Price: no information.

**Cavins' Tests in American Poetry.** By L. V. Cavins. Published: 1927. Purpose: to measure ability to read and comprehend poetry. Range: grades 5-9. Time to give: Central thought test, 40 minutes; Question test, no information. Time to score: short. Standardized: yes.

This test is divided into 2 parts. "The Central thought test is designed to test the pupil's ability to read and grasp the meaning of the poem as a whole." The Question test "consists of a number of questions designed to test the pupil's understanding of the minor difficulties found in the poem."

Publisher: Public School Publishing Co.

Price: no information.

**De Breuil Tests in Literature and Formal English.** By Alice De Breuil. Reference: *Bulletin of Illinois Association of Teachers of English*, May 1, 1923. No further information available.

**Denver Curriculum Test in Literature and Comprehension.** By Denver Public Schools. Published: 1926. Purpose: to measure ability to read and comprehend literature. Range: junior high school. Time to give: 40 minutes. Time to score: short. Standardized: locally.

This test is made up of a number of questions on each of 10 literary selections commonly studied in the grades for which the test is devised. Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Denver Curriculum Tests in Reading and Literature.** By Denver Public Schools. Published: 1927. Purpose: to measure comprehension and appreciation of reading. Range: grades 7-9. Time to give: 30 to 35 minutes, according to the test. Time to score: short. Standardized: locally.

"This is a series of 6 tests, one for each half-grade of junior high school. Each test contains a true-false test on newspapers and magazines and a test of appreciation of new material not taught in the grade. In addition to these tests are other tests measuring facts learned and appreciation of material read in the schools."

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**English Literature Test.** By K. T. Omwake, R. E. Schwarz, and M. M. Ronning, in coöperation with the English and Psychology Departments of George Washington University. Published: 1927. Purpose: to measure knowledge of literature. Range: grades 11 thru

college. Time to give: 35 minutes. Time to score: short. Standardized: no information.

This test covers English and American literature and is divided into three parts. Test 1 is made up of 50 multiple-response type questions concerning literary characters and works. Test 2 contains 90 true-false statements on the same subjects. Test 3 is a matching type test dealing with contemporary authors.

Publisher: Center for Psychological Service.

Price: \$4.50 per 100, 5 cents per copy.

**Iowa Comprehension Test, Series B 1, D 1, and D 2.** By C. E. Seashore and others. For description, see "Reading."

**Iowa High School Content Examination.** By G. M. Ruch and others. For description, see "Composite."

**Logasa-Wright Seven Tests for the Appreciation of Literature.** By Hannah Logasa and Martha M. Wright. Published: 1926. Purpose: to determine the pupil's ability to appreciate literature. Range: third year high school thru second year college. Time to give: 12 to 19 minutes, according to the test given. Time to score: no information. Standardized: yes.

This is a series of seven separate tests, the nature of which can be recognized by the titles: Discovery of theme, Reader participation, Reaction to sensory images, Comparisons, Rhythm, Trite and fresh expressions, and Standard of taste in poetry. Form B is under construction and may be secured later.

Publisher: Public School Publishing Co.

Price: 10 cents per package, containing one set of the seven tests.

**Metcalf's American Literature Test.** By Henry D. Rinsland and A. L. Kerbow. Published: 1925. Purpose: to test objectively a pupil's knowledge of American literature. Range: grades 11 and 12. Time to give: 45 minutes. Time to score: about 3 minutes. Standardized: no.

This test is made up of 4 exercises consisting of types of writings, authors, productions, and associations with productions. A similar test for the second semester of Metcalf's American literature is available.

Publisher: Bureau of Educational Research, University of Oklahoma.

Price: 2 cents per copy.

**Moe Book Tests.** By Maurice W. Moe. Published: 1927. Purpose: to test a pupil's comprehension of outside reading books. Range: grades 7 thru college. Time to give: no information. Time to score: no information. Standardized: yes.

This series of tests measures reading comprehension of many different novels, essays, biographies, and plays which are often used as outside reading requirements in English. Each test covers one literary work and is made up of 10 multiple-response questions on that work.

The series includes 100 tests at the present time and is being enlarged to include more books all the time. A number of sets of these questions, not yet in printed form, are now available in mimeographed form.

Publisher: Kenyon Press Publishing Co.

Price: 5 cents per copy; \$3.75 per set of tests on 100 commonly read books.

**North Carolina Exercises in Judging English Prose.** By M. R. Trabue.

Published: 1923. Purpose: to discover the extent to which school pupils and adults observe and are influenced by minor differences in the quality of the English prose they read. Range: grammar grades thru college. Time to give: 2 hours. Time to score: 2 minutes. Standardized: no.

This test presents 30 sets of prose paragraphs similar in content but differing in literary quality. The pupil is to indicate his judgment as to which is the best and which the poorest paragraph in each set. Reference: *High School Journal*, November and December, 1923.

Publisher: not published for general distribution.

**Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in English Literature.** By Charles W. Odell. Published: 1927. Purpose: to measure achievement in English literature. Range: junior and senior high school. Time to give: no time limit. Time to score: short. Standardized: tentatively.

These scales include 10 specimens, in order of value, of answers to each of 9 different types of thought questions in English literature. The types of questions include analysis, cause or effect, comparison, criticism, discussion, explanation, relationship, reorganization, and summary. *One scale is needed for each teacher or examiner.*

Publisher: Bureau of Educational Research, University of Illinois.  
Price: no information.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Plymouth Educational Tests, No. 130A, English Fiction Characters, Names of Works.** By James E. McDade. Published: no information. Purpose: to measure the association of characters with the titles of their respective literary origins. Range: grades 7 and 8. Time to give: no information. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents first a list of 28 literary selections, then a list of 36 characters, and the pupil is asked to indicate by number the selection in which each character appeared. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 132A, World Literature, Works, Authors.**

By James E. McDade. Published: no information. Purpose: to measure recognition of the authors of literary selections. Range: grades 7 and 8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents first a list of 37 authors numbered in alphabetical order. Then a list of 48 literary selections is given and the pupil is asked to indicate by number their respective authors. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Satterfield Objective Tests in English.** By Mabel S. Satterfield, Salibelle Royster, Emma Schaedel, Edgar A. Carney, and Wightman F. Melton. Published: 1926. Purpose: to measure comprehension of high school literature books. Range: grades 8-12. Time to give: 20 to 30 minutes. Time to score: 4 minutes. Standardized: no information.

This series of tests at present includes tests on 18 different books studied in high school literature. Several types of questions are used in each test, including the true-false, multiple-response, matching, and completion types.

Publisher: Smith, Hammond and Co

Price: \$1.25 per package of 35 tests.

**Test of Books, Authors, and Types of Literature.** By Bureau of Public Personnel Administration. Published: 1925. Purpose: to test knowledge in literature. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

This test is made up of sections A, B, C, and D, consisting of questions of various types on the subject of literature. The test is designed to cover such knowledge as a knowledge of titles, authors, general themes, and types of literature.

Publisher: Bureau of Public Personnel Administration.

Price: no information.

**Van Wagenen's Reading Scales: Literature.** By M. J. Van Wagenen. For description, see "Reading."

### MISCELLANEOUS

**Barthelme's Test for Determining the Achievement of Pupils in Letter Writing.** By H. M. Barthelme's. Publisher: Board of Education, Boston, Mass. *Out of print.*

**Boston Test in Accurate Copying.** By Boston Public Schools. Published: 1916. Purpose: to determine ability to copy printed matter. Range:

grade 8. Time to give: 15 minutes. Time to score: no information. Standardized: yes.

The test consists of a selection to be copied by the pupils. The pupils should be unfamiliar with the selection. The following errors were to be noted: spelling, capitalization, punctuation, undotted "i's," uncrossed "t's," omitted words, wrong words used, and misplaced words.

Publisher: Boston Public Schools, Boston, Mass.

Price: *out of print*.

**Briggs Dictionary Test.** By Thomas H. Briggs. Published: 1923. Purpose: to reveal the need for instruction in the uses of a dictionary. Range: junior and senior high school. Time to give: about 2 hours for grade 7 and about 80 minutes for grade 12. Time to score: no information. Standardized: no.

This test is intended to reveal possible improvement in dictionary usage. The test is divided into 6 groups containing a total of 48 questions, the answers of which are to be found in Webster's Secondary School Dictionary. Reference: *Teachers' College Record*, September, 1923.

Publisher: American Book Co.

Price: not yet determined.

**Cavins Dictionary Test.** By Elmer W. Cavins. Published: 1926. Purpose: to determine how well pupils can use the dictionary. Range: grammar grades and high school. Time to give: time of the quickest pupil. Time to score: short. Standardized: no.

This test is made up of 10 exercises testing ability to use and understand the dictionary. Each exercise is made up of two questions and cover the subjects of spelling, pronunciation, definitions, synonyms, parts of speech, plurals of nouns, principal parts of verbs, syllabication, hyphens, and derivations. Each answer must be accompanied by the page of the dictionary on which it was found.

Publisher: Elmer W. Cavins, Illinois State Normal University.

Price: 2 cents per copy, postpaid.

**Clark Letter-Writing Test.** By F. Leshe Clark. Published: 1926. Purpose: to determine a pupil's ability in writing business and social or friendly letters. Range: grades 5-12. Time to give: no time limit. Time to score: short. Standardized: yes.

This test consists of 3 sub-tests. Test 1 consists of 6 questions on salutations and complimentary closes. Test 2 tests a pupil's ability to place and name the essential parts of a business and of a social letter. Test 3 consists of a number of sentences and parts of sentences which are to be put together forming two letters.

Publisher: Public School Publishing Co.

Price: \$3 per 100 copies; specimen set, 15 cents.

**Denver Curriculum Dictionary Test.** By Denver Public Schools. Published: 1927. Purpose: to measure ability to use the dictionary. Range: grade 7A. Time to give: 30 minutes. Time to score: short. Standardized: locally.

This test is made up of 3 parts. Part I contains 20 words to be looked up in the dictionary. Part II is a test in alphabetizing. Part III deals with syllabication, spelling, pronunciation, use of hyphen, and abbreviations. The test is based on Webster's *Secondary School Dictionary*.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Denver Curriculum Test in Library Science.** By Denver Public Schools.

Published: 1926. Purpose: to measure knowledge of the use of the library. Range: grade 7R. Time to give: 15 minutes. Time to score: short. Standardized: locally.

This test is made up of 12 completion type and 20 true-false type statements dealing with general information concerning the use of the library. The test is to be given pupils who have taken a course in the use of the library.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Dolch Study Outline Test.** By F. Dean McClusky and Edward W. Dolch.

Published: 1926. Purpose: to test pupils' ability to recognize and indicate the outline used by an author in writing a certain topic. Range: high school. Time to give: no time limit. Time to score: 3 minutes. Standardized: yes.

This test is made up of 3 paragraphs. A space is left for an outline, opposite each paragraph. The sentences are numbered. Major parts, minor parts, further divisions, and "no part" of the outline are to be indicated by I, A, 1, and X, respectively. Each sentence is to be accounted for. The series consists of 3 tests. Test I is to be given first.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25 copies of Test I, 15 copies of Test II, and 10 copies of Test III; specimen set, 10 cents.

**Freyd Test for Journalistic Aptitude.** By Max Freyd. Published: 1920.

Purpose: to measure a pupil's ability for journalism. Range: first-year college. Time to give: about 45 minutes. Time to score: short. Standardized: tentatively.

This is a series of 9 tests, each consisting of exercises or problems to be answered. A time limit is placed on each test. The tests cover the most essential phases of journalism. For example, test one gives a number of statements concerning a fire in a city. The student is to pick out the most important statements in the test for a story for a newspaper in the city where the fire occurred.

Publisher: Max Freyd, University of Pennsylvania.

Price: out of print.

**Gates Graded Word Pronunciation Test.** By Arthur I. Gates. Published:

1924. Purpose: to measure ability to pronounce ordinary English words correctly, and to diagnose difficulties. Range: grades 1-6.

Time to give: 10 to 20 minutes. Time to score: 1 minute. Standardized: yes.

This test "was devised primarily as an instrument to use in the diagnosis of special difficulty in reading." It consists of 10 groups of words to be pronounced, each group being more difficult than the last. The test is to be given to pupils individually. Forms I, II, III, and IV are available. Reference: *Teachers College Record*, November, 1924.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 50 cents per 100, each form.

**Greene's Organization Tests.** By Harry A. Greene. Published: 1920.

Purpose: to measure certain phases of linguistic organization in sentences. Range: grades 3-12. Time to give: 5 minutes. Time to score: short. Standardized: yes.

Each form of this test is composed of 10 exercises arranged in ascending order of difficulty. Each exercise consists of groups of words to be arranged into sentences. The groups are numbered, and the pupils are to arrange the numbers in the order in which they appear when the sentences are in correct order. Forms A and B are available.

Publisher: Harry A. Greene, University of Iowa.

Price: no information.

**Greene's Organization Test: Series C, Form A.** By Harry A. Greene.

Published: 1918. Purpose: to measure the pupil's ability to organize groups of words into complete sentences. Range: grades 3-12. Time to give: 5 minutes. Time to score: short. Standardized: yes.

The test is composed of groups of words to be arranged into sentences. Ten sentences have been broken up into 3 or more groups of words and disarranged so that they do not make sense. The groups are numbered 1, 2, 3, 4, etc. In order to save time the sentences are not rewritten but instead the numbers are to be written in a rectangle at the right of the sentence in the order in which they should appear. The sentences are weighted and values assigned to each according to its difficulty. This test is the same as Curtis Standard Research Test in Composition.

Publisher: S. A. Curtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 70 cents per envelope containing material for 40 pupils, complete.

**Minneapolis Scale for Rating Friendly Letters.** By Minneapolis Public Schools. Published: 1925. Purpose: to measure achievement in writing friendly letters. Range: grades 3-6. Time to give: no time limit. Time to score: no information. Standardized: yes.

This scale is made up of 16 samples of friendly letters, a poor, fair, good, and excellent sample for each of the 4 grades for which the scale is intended. *One scale is needed for each teacher or examiner.*

Publisher: Board of Education, Minneapolis, Minn.

Price: not available for general distribution.

**Ohio Literacy Test.** By Violet Foster and Henry H. Goddard. Published: no information. Purpose: to measure ability to read. Range: grades 1 thru high school. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This test is made up of 50 questions to be answered by "yes" or "no." The questions are arranged in order of difficulty. The test may be given either as a group or as an individual test.

Publisher: Department of Psychology, Ohio State University.

Price: no information.

## SPELLING

**Ayres' Spelling Scale.** By L. P. Ayres. Published: 1915. Purpose: to measure the ability to spell commonly used words. Range: grades 3-8. Time to give: 4 minutes. Time to score: 20 seconds. Standardized: yes.

The scale is composed of 1,000 most common words in English writing. They are arranged in 26 columns with the words in each column of approximately equal spelling difficulty. The steps in spelling difficulty from one column to the next are approximately equal. The standard for each grade is written over each column. *One scale* is needed for *each teacher or examiner*.

Publisher: Russell Sage Foundation.

Price: \$9 per 100 copies; specimen copy, 10 cents.

**Buckingham-Coxe Spelling Scale.** By B. R. Buckingham and W. W. Coxe. Published: 1922. Purpose: to measure the effect of the study of Latin on the ability to spell. Range: grades 7-12. Time to give: about 12 minutes. Time to score: 2 to 4 minutes. Standardized: yes.

The scale is made up of 50 words, 25 of Latin origin and 25 of non-Latin origin. They are alternated in the list. The papers of pupils who have had previous training in Latin should be noted.

Publisher: Bureau of Coöperative Research, School of Education, Ohio State University.

Price: not available for general distribution.

**The Buckingham Extension of the Ayres Spelling Scale.** By B. R. Buckingham. Published: 1918. Purpose: to measure spelling ability. Range: grades 2-9. Time to give: no time limit. Time to score: varies. Standardized: yes.

The scale is composed of 1,505 words, including the Ayres scale with 505 additional words. It is not intended as a test but words may be selected from it for testing purposes. The words in each column are of approximately equal spelling difficulty, and the steps from one column to the next are approximately equal. *One scale* is needed for *each teacher or examiner*.

Publisher: Public School Publishing Co.

Price: 14 cents per copy; 3 or more copies, 12 cents each; extra record sheets, 1 cent each.



**Buckingham Spelling Scale.** By B. R. Buckingham. Published: 1913.

Purpose: to measure pupil's spelling ability. Range: grades 3-8.

Time to give: varies. Time to score: varies. Standardized: yes.

The scale is composed of 2 lists of 25 words each selected from a school list of 5,000 words. These words have been carefully evaluated and have been found to have a nearly uniform decrease in difficulty from grade to grade.

Publisher: Teachers College, Columbia University.

Price: not available for general distribution.

**Chicago Spelling Test, Form A.** By E. E. Keener. Published: 1926.

Purpose: to measure ability in spelling. Range: grades 2-8. Time to give: no time limit. Time to score:  $\frac{1}{2}$  minute. Standardized: partially.

This test is made up of 10 spelling words for each grade, from grades 2 to 8.

Publisher: not published for general distribution.

**Courtis' Standard Research Tests in Spelling and Handwriting, Series S,**

**Folder B.** By S. A. Courtis. Published: 1916. Purpose: to test speed and accuracy. Range: grades 2-8; dictation test 5, grades 4-6; dictation test 9, grades 6A-8A. Time to give: no information. Time to score: no information. Standardized: yes.

This series is made up of separate tests suited for different groups of pupils. If the pupil has not finished writing a sentence when time is called he is to stop writing and begin the new sentence when given. Courtis standards are given in the timed sentences and Ayres standards are given in the untimed sentences. *One scale is needed for each teacher or examiner.*

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 5 cents each for Standard Dictation Tests; class record sheets, 3 cents each; school record sheets, 2 cents each; specimen set, 17 cents, complete.

**Courtis Standard Supervisory Tests (Composition Spelling Test).** By

S. A. Courtis. Published: 1919. Purpose: to measure the pupil's ability to spell in composition writing. Range: grades 2-8. Time to give: 30 minutes. Time to score: 3 minutes. Standardized: yes.

The test was constructed to replace pages 43-44 of "Teaching Spelling by Plays and Games." The pupils are assigned some subject on which they are to write for 10 minutes. *One leaflet is needed for each examiner or teacher.*

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 57 cents for 1 set, complete.

**Detroit Standard Dictation Tests in Spelling, Form E.** Detroit Public

Schools. Published: no information. Purpose: to measure pupil's ability to spell words in sentences. Range: grades 5-8. Time to give: no information. Time to score: no information. Standardized: locally.

Each test is made up of sentences containing words to be spelled. The tests are primarily for the Detroit schools but may be used in other systems. They are to be given at the beginning of the semester and a form of the same test at the end of the semester. *One test* of each is needed for each *teacher* or *examiner*.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: no information.

**Detroit Standard Spelling Tests.** By Detroit Public Schools. Published: 1925. Purpose: to test pupils' spelling ability. Range: grades 1-4, varying for each test. Time to give: series I-V, no time limit; series VI and VII, 15 minutes. Time to score: short. Standardized: yes.

This is a series of tests made up in the form of a booklet to be used with the "Progressive Lessons in Spelling-Handwriting." Each series consists of a number of sentences, each containing spelling words which are italicized. Forms A and B are available for each series. *One test booklet* is needed for *each examiner*.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Horn-Ashbaugh Spelling Test.** By Ernest Horn and E. J. Ashbaugh. Published: 1925. Purpose: to test the pupil's efficiency in spelling. Range: grades 3-8. Time to give: no time limit. Time to score: no information. Standardized: yes.

This test consists of 3 lists of words for each grade. List A tests the efficiency of the class and the teacher. List B tests the efficiency of recall of the lists of earlier grades. List C shows no definite relation to the teaching of the school, except as it measures the relation of the school's general spelling to the standard performances of the first two lists. Designed for supervisory service with the Lippincott's *Horn-Ashbaugh Spelling Book*.

Publisher: J. B. Lippincott Co.

Price: *out of print*.

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Individual Attainment Scale for Clinical Use.** By J. E. Wallin and Margery Gilbert. For description, see "Composite."

**Iowa Dictation Exercises and Spelling Test.** By H. A. Greene. Published: 1923. Purpose: to measure ability to spell words when in the form of a list and when included in sentences. Range: test 1, grades 3 and 4; test 2, grades 5 and 6; test 3, grades 7 and 8. Time to give: 10 to 14 minutes. Time to score: 30 seconds. Standardized: yes.

Each test consists of a series of 10 timed dictation exercises which include 25 words selected from the 73 per cent column of the Iowa Spelling Scales, supplemented by an additional 25 words presented in the list.

Publisher: Extension Division, University of Iowa.

Price: 10 cents per set of the three tests, plus postage.

**Iowa Spelling Scale.** By E. J. Ashbaugh. Published: 1919. Purpose: to measure spelling ability of elementary school pupils. Range: grades 2-8. Time to give: no time limit. Time to score: varies. Standardized: yes.

The scale is composed of 2,977 words arranged in 3 separate scales. Scale 1 contains 28 steps and is designed for grades 2-4. The scale for grades 4-6 contains 20 steps and that for grades 6-8, 15 steps. This scale is published in book form. *One scale is needed for each teacher or examiner.*

Publisher: Public School Publishing Co.

Price: \$1.25.

**Iowa Spelling Test, Series S-2, Form 1.** By H. A. Greene. Published: 1923. Purpose: to measure ability in spelling. Range: grades 2-8. Time to give: 25 to 30 minutes. Time to score: 4 minutes. Standardized: yes.

The tests are composed of 50 words for each grade selected from the Iowa Spelling Scales. *One copy is needed for each teacher.*

Publisher: Extension Division, University of Iowa.

Price: 2 cents each.

**Iowa State Spelling List.** By Ernest J. Ashbaugh. Published: 1920. Purpose: to measure achievement in spelling. Range: grades 3-8. Time to give: no time limit. Time to score: 30 seconds. Standardized: yes.

This is a list of 50 words for each grade. *One copy is needed for each teacher or examiner.*

Publisher: Extension Division, University of Iowa.

Price: 2 cents per copy, not including transportation.

**Jones' One Hundred Spelling Demons.** By W. Franklin Jones. Published: 1913. Purpose: a list of the 100 words most often misspelled by pupils in written work that may be used for testing ability to spell. Range: Part 1, grades 2-4; Part 2, grades 5-8; Jones Junior High School Spelling Book, grades 7-9. Time to give: no information. Time to score: no information. Standardized: no.

The test is composed of 100 words selected from a study involving 15,000,000 words. From the 15,000,000 the 100 words most commonly misspelled by 1,050 grade students were selected.

Publisher: Hall and McCreary Co.

Price: 6 cents each in lots of 25 or more; \$1 per dozen.

**Kelley's Spelling for the Third Grade.** By Nellie G. Kelley. Information not available.

**Los Angeles Test in Spelling.** By Los Angeles Public Schools. Published: 1918. Purpose: "to test the difficulty of words, and to measure the ability of pupils to spell." Range: grades 3-8. Time to give: no time limit. Time to score: no information. Standardized: locally.

The tests consist of separate tests for each grade from 3 to 8 inclusive. The words are selected from the Ayres 1,000 words. The words are selected in such a way that the work of the Los Angeles schools may be compared with that of the Cleveland schools.

Publisher: Bureau of Educational Research, Public Schools, Los Angeles, Calif.

Price: not published for general distribution.

**Minnesota Spelling Test.** By M. E. Haggerty. No information available.  
*Out of print.*

**Monroe's Timed Sentence Spelling Test.** By W. S. Monroe. Published: 1918. Purpose: to measure speed and accuracy in spelling. Range: grades 2-8. Time to give: 6 to 15 minutes according to test given. Time to score: no information. Standardized: yes.

There are 3 separate tests. Test 1 for grades 3 and 4 is composed of words selected from Ayres lists for grades 3 and 4. The words are embodied in sentences that are dictated by the teacher and written by the pupils. Each pupil is to stop writing, if not thru, when the next sentence is dictated, and begin on the new sentence. Test 2 for grades 5 and 6 and Test 3 for grades 7 and 8 and the high school are constructed and administered in a similar way to Test 1. *One set is needed for each teacher or examiner.*

Publisher: Public School Publishing Co.

Price: single sets, 12 cents; 3 or more sets, 10 cents each; extra record sheets, 1 cent each.

**Morrison-McCall Spelling Scale.** By J. Cayce Morrison and William A. McCall. Published: 1923. Purpose: to measure and compare spelling abilities. Range: grades 2-8. Time to give: about 10 minutes. Time to score: about 1 minute. Standardized: yes.

The scale consists of a 16-page booklet containing lists of words for use by the teacher in testing spelling. There are 8 equivalent lists of 50 words each which enable the teacher to test the spelling ability of a single class 8 times with different words and thus measure progress.

"The words chosen are found in the Ayres Spelling Scale and in the 5,000 commonest words of Thorndike's Word Book. They are arranged in order of difficulty in each list. A sentence is given to illustrate each word in order to avoid misunderstanding." *One scale is needed for each teacher or examiner.*

Publisher: World Book Co.

Price: 25 cents per copy.

**National Spelling Scale.** By John J. Tipton. Published: 1925. Purpose: to measure ability to spell in sentences. Range: grade 1 thru

high school, according to the test. Time to give: 11 minutes. Time to score: 2 minutes. Standardized: yes.

This is a series of 3 scales, one for elementary school, one for junior high school, and one for senior high school. Each test consists of a number of sentences of the completion type, the words to be filled in the blanks being the words to be spelled in the test. The words are arranged in order of difficulty. Three or four forms are available for each scale.

Publisher: National Publishing Society.

Price: 3 cents per copy for each scale; direction sheets, 15 cents each; record sheets, 2 cents each.

**Nebraska Spelling Scale.** By Charles Fordyce. Published: 1918. Purpose: to measure speed and accuracy in written spelling. Range: Test 1, grades 3-5; Test 2, grades 6-9. Time to give: 3 minutes. Time to score: 5 minutes. Standardized: yes.

The scale is made up of 9 sentences which include the words to be spelled. The words are taken from the Ayres Scale. *One scale is needed for each teacher or examiner.*

Publisher: Charles Fordyce, University of Nebraska.

Price: 3 cents per copy; record sheets, 1 cent each.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**New York Spelling Test.** By Eugene A. Nifenecker. Published: 1922. Purpose: to measure pupils' spelling ability. Range: grades 3-8. Time to give: 15 minutes. Time to score: no information. Standardized: yes.

This test is made up of two series, C and D. Each series consists of 50 words, each of which is pronounced by the teacher, read in a sentence, and pronounced again. *One scale is needed for each teacher or examiner.*

Publisher: Bureau of Reference, Research and Statistics, Board of Education, New York City.

Price: not published for general distribution.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Philadelphia Spelling Test.** By Philip A. Boyer. Published: 1926. Purpose: to measure pupils' spelling ability. Range: grades 2A-8B. Time to give: no time limit. Time to score: no information. Standardized: yes.

This test is made up of 20 spelling words contained in the Course of Study and Buckingham Extension of the Ayres Scale.

Publisher: Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Pressey Second-Grade Attainment Scale in Spelling, Reading and Arithmetic.** By L. W. Pressey. For description, see "Composite."

**Pressey Third-Grade Attainment Scale.** By L. W. Pressey. For description, see "Composite."

**Quance Spelling List.** By Frank M. Quance. Published: 1925. Purpose: to measure achievement in spelling. Range: grades 2-8. Time to give: no time limit. Time to score: no information. Standardized: yes.

This is a list of 1,500 words divided into 150 lists of 10 words each to be used as tests. The words are arranged in an increasing order of difficulty. *One copy is needed for each teacher or examiner.*

Publisher: Gage and Co., Ltd.

Price: 25 cents.

**Reavis Scale for Measuring Ability in Phonetic Spelling.** By W. C. Reavis, Edmiston, and others. No information available.

**The Rice Spelling Test.** By J. M. Rice. Published: 1897. Purpose: to measure spelling ability and to eliminate waste. Range: grades 4-8. Time to give: no information. Time to score: no information. Standardized: no information.

There are 3 tests: word lists; words in composition form, used in sentences dictated by the teacher; and words in composition form, selected by the pupils in telling a story. The first 2 tests consist of 50 words each selected by the author. The third does not consist of any definite list of words.

Publisher: not published for general distribution.

**Seven S Spelling Scales for High Schools.** By Earl Hudelson, F. L. Stetson, and Ella Woodyard. For description, see Sixteen Spelling Scales.

**Simmons Standard High-School Spelling Scale.** By Ernest P. Simmons. Published: 1925. Purpose: to measure achievement in spelling. Range: junior and senior high school. Time to give: 15 minutes. Time to score: 5 minutes. Standardized: yes.

This scale consists of approximately 2,500 words which are often misspelled by high school students. "The words are chosen as the highest frequencies from Dr. Ernest Horn's list of the 10,000 most common words for spelling."

Publisher: R. E. Starr, Elliott, Iowa.

Price: 30 cents per copy; 25 copies or more, 25 cents each.

**Sixteen Spelling Scales.** By Earl Hudelson, F. L. Stetson, and Ella Woodyard.\* Published: 1920. Purpose: to measure spelling ability. Range: grades 7-12. Time to give: about 15 minutes. Time to score: about 1 minute. Standardized: yes.

"The scales are made up of 16 lists of 20 words each, standardized in sentences. The words to be spelled are incorporated in sentences. The sentences containing the words to be spelled are read, then the words are pronounced. Besides the lists that are contained

\* Under the direction of Thomas H. Briggs and Truman L. Kelley.

in sentences, the booklet contains the entire list of words with frequencies, making it possible to construct other lists." These scales are known as the Seven S Spelling Scales. *One booklet is needed for each teacher or examiner.*

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 40 cents each.

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and Lewis M. Terman. For description, see "Composite."

**Starch's Spelling List.** By Daniel Starch. Published: 1914. Purpose: to measure the pupil's spelling ability. Range: grades 3-12. Time to give: 20 minutes. Time to score: 2 or 3 minutes. Standardized: yes.

The test is composed of 6 lists of 100 words each. *One test is needed for each teacher or examiner.*

Publisher: University Coöperative Co.

Price: 5 cents per sheet.

**Teaching Spelling by Plays and Games.** By S. A. Courtis. Published: 1917. Purpose: to give perfect control in spelling essential words, also method of teaching. Range: grades 2-8. Time to give: 3 minutes. Time to score: 30 minutes. Standardized: yes.

"Teaching Spelling by Plays and Games" is a 63-page booklet containing methods of teaching spelling and tests to be given at beginning and close of each semester. It contains spelling in both column and composition form. Games are so arranged as to get spontaneous use of words, and in this way the teacher ascertains whether or not the words are perfectly learned. *One booklet is needed for each teacher.*

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 43 cents per copy.

**Tidyman's Standard Spelling Tests.** By Willard F. Tidyman. Published: 1923. Purpose: to measure pupils' ability and achievement in spelling, and to diagnose pupils' difficulties in spelling. Range: grades 2-8. Time to give: 15 minutes. Time to score:  $\frac{1}{2}$  minute. Standardized: yes.

This test is devised for use in connection with the author's "Supervised Study Speller," from which test the words in the scale have been chosen. In presenting each word a sentence illustrating its meaning is also presented. *One copy of the test is needed for each teacher or examiner.*

Publisher: World Book Co.

Price: 20 cents postpaid.

**Van Wagenen Scales for Measuring Individual Achievement in Spelling.** By M. J. Van Wagenen. Published: 1926. Purpose: to measure individual achievement in spelling. Range: grades 3-8. Time to

give: no information. Time to score: no information. Standardized: yes.

Each of the five equivalent scales A, B, C, D, and E consists of 3 divisions. Division 1 is intended for the measurement of the spelling ability of third- and fourth-grade pupils; Division 2 for fifth- and sixth-grade pupils; Division 3 for seventh and eighth. Each division consists of 40 words selected from the spelling lists of Ayres, Buckingham, Briggs and Kelley, and Horn.

Publisher: Department of Educational Psychology, University of Minnesota.

Price: 20 cents per copy; \$3 per package of 25, including the three divisions.

**Youngstown Spelling Scale.** By Henrietta V. Race. Published: 1925.

Purpose: to measure pupils' spelling ability. Range: grades 2-12. Time to give: 10 minutes. Time to score: 5 minutes. Standardized: yes.

This scale is made up of the 2,000 most commonly used words in the English language selected by Dr. E. L. Thorndike. The scale is arranged according to the plan of the Ayres Measuring Scale.

Publisher: not published for general distribution.

## MATHEMATICS

### GENERAL

**Denver Curriculum Tests in Mathematics.** By Denver Public Schools.

Published: 1927. Purpose: to measure achievement in mathematics. Range: grades 7-9. Time to give: 25 to 47 minutes, according to the test. Time to score: short. Standardized: locally.

This series of tests includes 6 tests, one for each half-year of the grades for which it is intended. Each of these is divided into groups of problems of various types, including the matching, completion, recognition, true-false, and the regular problem-solving types. The majority of the problems are story problems.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Detroit Examinations in Mathematics.** By Detroit Public Schools. Published: 1927.

Purpose: to measure pupils' knowledge in mathematics. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

The examination for Mathematics 1, Part I, is made up of questions in mathematics of the multiple-response type, and a number of arithmetic problems to be solved. Part II is made up of a number of story problems, and a number of problems in percentage. The examination for Mathematics 2, Part I, is made up of a number of algebraic equations to be solved. Part II is made up of a number of story problems, and exercises in graph-making. The examination for Mathematics 3, Part



1, is made up of a number of algebraic equations and problems to be solved. Part II is made up of a number of algebraic problems of the multiple-response, completion, and true-false types; and 4 problems in algebra to be solved. The examination for Mathematics 5, Part I, is made up of a number of statements in geometry of the completion type, a test in the construction of geometric figures, a number of theorems, and propositions to be proved. Part II is made up of geometric statements of the true-false type, a test in axioms, and a test in checking errors made in propositions which have been solved by other pupils.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and E. W. Chittenden. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

Mathematics Series MA—1, Aptitude. Part 1 consists of arithmetic and algebra number series; Part 2 is a test of constructive imagination; Part 3, a test of pure and mathematical logic; Part 4, a test of mathematical reading comprehension.

Mathematics Series MT—1, Training. Part 1 consists of 20 problems involving the fundamentals of arithmetic; Part 2, 20 problems in formal algebra; Part 3 measures fundamentals of geometry; Part 4 consists of algebraic reasoning problems in which computation is reduced to a minimum.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series complete with directions and scoring keys for either form A or B, plus transportation; specimen copy, either form, 5 cents postpaid.

**Kelley's Mathematical Values Test.** By T. L. Kelley. Published: 1920. Purpose. to measure the desirable values that should come from the study of high school algebra. Range: grades 8-12. Time to give: no information. Time to score: about 20 minutes. Standardized: yes.

This is a test somewhat along the lines of the traditional examination. The scoring is not objective. Thirty-six questions are presented, some of which test factual knowledge, others of which test mathematical concepts. Scoring is done somewhat after the manner of scoring an English composition upon a composition scale, and a superior school teacher of mathematics is recommended as the scorer. Reference: *Teachers College Record*, May, 1920.

Publisher: Teachers College, Columbia University.

Price: 5 cents per copy of test; 1 set of scales for examiner, 40 cents.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Rogers' Test for Mathematical Ability.** By Agnes L. Rogers. Published: no information. Purpose: to diagnose pupils' mathematical ability. Range: grade 9. Time to give: about 1½ hours. Time to score: no information. Standardized: yes.

This test is made up of 6 tests as follows: (1) Superposition, (2) Algebra computation, (3) Interpolation, (4) Geometry, (5) Mixed relations, (6) Trabue language completion scales J and L. "The tests are for the purpose of enabling a teacher to form an estimate of the pupil's mathematical capacity and the likelihood of success in future mathematical work."

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$7 per 100 test booklets; manual of directions, 50 cents; specimen copy, 10 cents.

### ARITHMETIC

**Birmingham Arithmetic Test.** By I. R. Obenchain. Published: 1925. Purpose: to diagnose ability in arithmetic. Range: grades 5-8. Time to give: 35 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 20 exercises in mixed fundamentals and arithmetic problems.

Publisher: Birmingham Public Schools, Birmingham, Ala.

Price: no information.

**Bonser's Arithmetic Reasoning Test.** By F. G. Bonser. Published: 1910. Purpose: to measure mathematical judgment. Range: grades 4-6. Time to give: no time limit. Time to score: no information. Standardized: no information.

The test is composed of 20 problems arranged in 4 sets, stated as follows: 2 sets of 5 each, 1A and 1B, stated in the form usually followed in current textbooks in arithmetic; and 2 sets of 5 each, 2A and 2B, of the same difficulty as the preceding in processes involved but stated in a less conventional way. Each of the 10 problems in the first type may be called a "two-step" problem, requiring a preliminary operation to secure the intermediate data necessary to the final operation. Reference: Teachers College *Contributions to Education* No. 37, 1910.

Publisher: Teachers College, Columbia University.

Price: not published for general distribution.

**Boston Research Tests in Arithmetic.** By Boston Public Schools. Published: 1926. Purpose: to measure pupils' knowledge in arithmetic. Range: test in problems, grades 4-8; test in common fractions, grades 6-8. Time to give: test in problems, 20 minutes; test in common fractions, 27 minutes. Time to score: short. Standardized: no information.

This test is made up of a test in problems and a test in common fractions. The test in problems consists of 20 story problems in arith-

metic. The test in common fractions consists of five sub-tests in addition, subtraction, multiplication, and division of fractions.

Publisher: Department of Educational Investigation and Measurement, Boston, Mass.

Price: not published for general distribution.

**Boston Test in Determining the Achievement of Pupils in Addition, Subtraction, Multiplication, and Division of Fractions.** By Boston Public Schools. Published: 1915. Purpose: to measure pupil's ability to handle the fundamental operations of fractions. Range: no information. Time to give: 2 to 5 minutes. Time to score: short. Standardized: no information.

These 25 tests deal with the fundamentals of common fractions. The addition test, for example, is a folder containing 6 tests chosen in a way to measure the pupil's ability to handle all the combinations in addition. The subtraction folder contains 5 tests, and the multiplication and division folders contain 7 tests each.

Publisher: Department of Educational Investigation and Measurement, Boston Public Schools, Boston, Mass.

Price: not available for general distribution.

**Brueckner Diagnostic Test in Whole Numbers.** By L. J. Brueckner. Published: 1926. Purpose: to test achievement, and to locate individual and class difficulty in fundamental operations in whole numbers. Range: grades 3-5. Time to give: no time limit. Time to score: scored as the test is given. Standardized: yes.

This test consists of a page of exercises in addition, subtraction, multiplication, and division of whole numbers. These problems are arranged in order of difficulty, and the steps are so arranged that only one new difficulty is encountered at a time. It is essential as an individual test in determining a child's difficulties by analyzing his written work, and watching him while he works to determine faults such as counting with fingers, vocalizing, etc.

Publisher: Educational Test Bureau, Minneapolis, Minn.

Price: for class testing, 80 cents per package of 25 and 1 class record sheet; 45 cents per package of 12 and 1 class record sheet; for individual testing, 95 cents per package of 25 with 25 individual diagnosis and tabulation sheets; 50 cents per package of 12 with 12 diagnosis and tabulation sheets; manual of directions, 20 cents; specimen set, including one of each item, pospaid, 30 cents.

**Brueckner Diagnostic Tests in Fractions.** By L. J. Brueckner, H. W. Distad, and Abbie Chestek. Published: 1926. Purpose: to test achievement, and to locate individual and class difficulty in fundamental operations in fractions. Range: grades 3-5. Time to give: 20 minutes per test. Time to score: 5 minutes. Standardized: yes.

This test has the same principle of construction as the Brueckner Diagnostic Test in Whole Numbers. Steps of increasing difficulty are employed as a means of locating a child's troubles, and may be used

better as a group test. It is made up of four parts including problems in addition, subtraction, multiplication, and division of fractions.

Publisher: Educational Test Bureau, Minneapolis, Minn.

Price: for class testing, \$1 per package of 25 with 1 class record; 55 cents per package of 12 with 1 class record; for individual testing, \$1.20 per package of 25 with 25 individual records; 65 cents per package of 12, and 12 individual records; specimen set, 40 cents; manual of directions, 25 cents.

**Buckingham's Reasoning Test in Arithmetic.** By B. R. Buckingham.

Published: 1915. Purpose: to measure reasoning ability in arithmetic. Range: grades 7 and 8. Time to give: no information. Time to score: no information. Standardized: yes.

This test is made up of 10 story problems in arithmetic. Reference: *Fifteenth Yearbook of the National Society for the Study of Education*, Part I, 1916.

Publisher: B. R. Buckingham.

Price: not available for general distribution.

**Buckingham's Scales for Problems in Arithmetic.** By B. R. Buckingham.

Published: 1919. Purpose: to measure reasoning ability. Range: grades 3-8. Time to give: 60 minutes, no time limit. Time to score: about 50 seconds. Standardized: yes.

The scale is composed of 3 tests or divisions: (1) grades 3 and 4, (2) grades 5 and 6, (3) grades 7 and 8. Each division is made up of 2 equivalent forms, of 10 problems each, arranged in order of difficulty, and weighted. Space is left below each problem for solution, no other paper being necessary. Form I should be used for first testing and Form II for second testing.

Publisher: Public School Publishing Co.

Price: 80 cents per 100, each division; specimen set, 8 cents.

**Buswell-John Diagnostic Test for Fundamental Processes in Arithmetic.**

By G. T. Buswell and Lenore John. Published: 1926. Purpose: to test and to diagnose individual difficulties of working arithmetic. Range: elementary school. Time to give: 15 or 20 minutes. Time to score: short. Standardized: as to procedure and use.

This is not a group test, but an individual one. Thru the use of this test the teacher is able to make a diagnostic study of the work of each pupil. The pupil does his work aloud and this enables the teacher to discover the pupil's difficulty or wrong habits in solving examples in the fundamental processes. The types of errors are checked on the teacher's diagnostic chart as the pupil works.

Publisher: Public School Publishing Co.

Price: \$2.50 per package of 50 tests; specimen set, 20 cents.

**Chicago Supervisory Tests: Arithmetic Fundamentals and Arithmetic Reasoning.** By E. E. Keener. Published: 1926. Purpose: to measure ability in arithmetic and diagnose difficulties. Range: grades 3-8.

Time to give: no time limit. Time to score:  $\frac{1}{2}$  minute. Standardized: partially.

The test in arithmetic fundamentals is divided into five parts. Test I, for the third grade, consists of 10 problems in simple addition and 10 in subtraction. Test II, for the fourth grade, and Test III, for grades 5 to 8, consist of problems in addition, subtraction, multiplication, and division of whole numbers. Test IV, for grades 5 to 8, consists of simple problems in fractions. Test V, for grades 7 and 8, consists of problems in decimals. The test in arithmetic reasoning is for the fifth and sixth grades and consists of 5 story problems in arithmetic.

Publisher: not published for general distribution.

**Clapp's Standard School Tests in Upper Arithmetic.** By Frank L. Clapp. Published: 1918. Purpose: to measure pupil's ability to solve typical problems in arithmetic. Range: grades 7 and 8. Time to give: 25 minutes. Time to score: no information. Standardized: no information.

The test is composed of 25 typical problems "such as should be solved by pupils in the upper grades." Reference: *A Survey of the Public Schools of Idaho Springs, Colorado*, 1918.

Publisher: not available for general distribution.

**Clapp's Standard School Tests: The Number Combinations.** By Frank L. Clapp and Bernard P. Heubner. Published: 1923. Purpose: to measure speed and accuracy in handling the number combinations. Range: grades 2-8. Time to give: 3 to 15 minutes, depending upon grade. Time to score: 1 minute. Standardized: yes.

There are 3 tests, as follows: (1) "A" in single form, (2) "B" in problems, (3) "C" in special diagnostic problems. Test A is for grades 2 to 8 inclusive. It is composed of 390 simple problems, 100 for each of the first 3 operations and 90 for division. Test B is for grades 4 to 8 inclusive. It differs from Test A only in the number of problems and degree of difficulty. Test C is composed of all types of problems in number combinations.

Publisher: Frank L. Clapp, University of Wisconsin.

Price: \$1.50 per 100, complete.

**Clark-Somers-Wright Arithmetic Test.** By Harold F. Clark, Grover T. Somers, and Wendell W. Wright. Published: 1926. Purpose: to measure achievement in arithmetic. Range: grades 7 and 8. Time to give: 45 minutes. Time to score: 3 minutes. Standardized: in process.

This test is made up of 25 computation problems involving addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals; 27 story problems in arithmetic, involving reasoning; and one question involving the meanings of terms used in arithmetic. The content is based on the Thorndike arithmetic books.

Publisher: not yet available for general distribution.

**Cleveland Survey Arithmetic Tests.** By Cleveland Survey Staff. Published: 1916. Purpose: to measure ability in the four fundamentals, including fractions. Range: grades 3-8. Time to give:  $\frac{1}{2}$  to 3 minutes for each set. Time to score: short. Standardized: yes.

The tests are composed of 15 sets, arranged spirally, in order of difficulty, on a folder. They are composed of 4 sets in addition, 2 in subtraction, 3 in multiplication, 4 in division, and 2 in fractions. For example, the addition problems range from one-place numbers with 2 addends to four-place numbers with several addends.

Publisher: Public School Publishing Co.

Price: \$1.90 per 100 copies; specimen set, including 1 test series and 1 class record sheet, 10 cents, postpaid.

**Compass Diagnostic Tests in Arithmetic.** By G. M. Ruch, F. B. Knight, H. A. Greene, and J. W. Studebaker. Published: 1925. Purpose: to test the basic arithmetic processes and skills commonly taught in grades 2-8 and to provide diagnosis for individual pupils. Range: grades 2-8. Time to give: one class period for each test. Time to score: short. Standardized: yes.

This test is composed of 20 separate tests in Arithmetic. Test I deals with the addition of whole numbers (grades 2-8); Test II, subtraction of whole numbers (grades 2-8); Test III, multiplication of whole numbers (grades 3-8); Test IV, division of whole numbers (grades 4-8); Test V, addition of fractions and mixed numbers (grades 5-8); Test VI, subtraction of fractions and mixed numbers (grades 5-8); Test VII, multiplication of fractions and mixed numbers (grades 5-8); Test VIII, division of fractions and mixed numbers (grades 5-8); Test IX, addition, subtraction, and multiplication of decimals (grades 5-8); Test X, division of decimals (grades 6-8); Test XI, addition and subtraction of denominate numbers (grades 6-8); Test XII, multiplication and division of denominate numbers (grades 6-8); Test XIII, mensuration (grades 7-8); Test XIV, the basic facts of percentage (grades 6-8); Test XV, interest and business forms (grades 7-8); Test XVI, definitions, rules, and vocabulary of arithmetic (grades 4-8); Test XVII, problem analysis: elementary (grades 5-6); Test XVIII, problem analysis: advanced (grades 7-8); Test XIX, general problem scale: elementary (grades 5-6); Test XX, general problem scale: advanced (grades 7-8).

Publisher: Scott, Foresman and Co.

Price: from 25 cents to \$1.25 per package of 25 tests according to the tests chosen; specimen set, 60 cents.

**Compass Survey Tests in Arithmetic.** By H. A. Greene, F. B. Knight, G. M. Ruch, and J. W. Studebaker. Published: 1927. Purpose: to measure achievement in arithmetic. Range: grades 2-8. Time to give: elementary examination, 25 minutes; advanced examination, 35 minutes. Time to score: short. Standardized: yes.

The elementary examination, for grades 2-4, is made up of 4 parts, one each in addition, subtraction, multiplication, and division of whole numbers. The advanced examination, for grades 4-8, is made up of 6

parts, one each in addition, subtraction, multiplication, and division, dealing with whole numbers, fractions, and decimals; one part in percentage; and one in general problems in arithmetic. Forms A and B of each examination are available.

Publisher: Scott, Foresman and Co.

Price: 50 cents per package of 25 tests, either form; manual of directions, 15 cents.

**Courtis Standard Research Tests: Series A.** By S. A. Courtis. Published: 1908. Purpose: to measure pupils' ability to handle the 4 fundamentals. Range: grades 4-8. Time to give: no information. Time to score: no information. Standardized: yes.

There are 8 tests. The first 4 consist of problems to measure the pupil's ability to handle combinations from 0 to 9 in addition, subtraction, multiplication, and division. The fifth consists in copying figures (rate of motor ability). The seventh is described separately. The eighth consists of reasoning problems. Series A, except No. 7, has been largely replaced by Series B.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: \$4 per 1,000; answer cards, 2 cents each; record and supervision graph, 6 cents each.

**Courtis Standard Research Tests: Series A. Test No. 7.** By S. A. Courtis. Published: 1908. Purpose: to measure speed and accuracy in handling the fundamentals with problems using the signs of operation. Range: upper elementary grades. Time to give: no information. Time to score: no information. Standardized: yes.

The test is composed of 16 problems involving the 4 fundamental operations in arithmetic. No other paper is to be used. The problems are written, using the sign to indicate the procedure.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 65 cents per envelope containing material for 40 pupils.

**Courtis Standard Research Tests: Series B.** By S. A. Courtis. Published: 1914. Purpose: to measure the pupil's ability to handle the 4 fundamentals in arithmetic with proper speed and accuracy. Range: grades 3-8. Time to give: 4 to 8 minutes. Time to score: 20 minutes. Standardized: yes.

The tests are composed of 4 forms, equivalent and interchangeable. Each form is made up of 4 tests, one in each of the fundamental operations in arithmetic.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 75 cents per envelope of 40 tests, complete.

**Courtis Standard Research Tests: Series X, Control.** By S. A. Courtis. Published: no information. Purpose: to measure ability to follow directions. Range: elementary, secondary, and college. Time to give: no information. Time to score: no information. Standardized: yes.

The test is composed of 49 arithmetic problems involving fundamental operations. This is really a test in following directions. The arrangement of the problems in order of solving is unusual, and the operation to be performed is determined by combination of odd and even numbers presented in a given problem. This is fully explained in the directions, so that the test results measure not so much ability in arithmetic as ability to follow directions.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: *out of print*.

**Courtis Standard Supervisory Tests in Arithmetic.** By S. A. Courtis.

Published: 1918. Purpose: to measure pupils' ability in the fundamentals of arithmetic. Range: Test A, grades 4B, 4A, and 5B; Test B, grades 5A-8A. Time to give: Test A, 3 to 6½ minutes; Test B, 4½ to 9 minutes. Time to score: no information. Standardized: yes.

This test is made up of Test A and Test B. Both tests deal with the 4 fundamentals, but Test A is of greater difficulty than Test B. These tests may be used for diagnostic purposes.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: specimen set, 32 cents, complete.

**Denver Curriculum Tests in Arithmetic.** By Denver Public Schools.

Published: 1925. Purpose: to measure achievement in arithmetic. Range: grades 2A-8, according to the test. Time to give: 20 to 28 minutes, according to the test. Time to score: short. Standardized: locally.

This series includes a number of tests, each test containing from 12 to 52 problems. The series includes tests in fundamentals in integers for grades 2A to 3A and for grades 4 to 8, tests in problem solving for grades 2A to 3A, one for grades 4B to 5B, one for grades 5 to 8, and one for grades 4 to 8, and a test in fractions and decimals for grades 5 to 8. The problem-solving questions are in the form of story problems and the others are abstract arithmetic problems. Three forms are available for all the problem-solving tests except the one for grades 2A to 3A, and six forms are available for each of the other tests.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Detroit Examinations in Arithmetic.** By Detroit Public Schools. Published: no information. Purpose: to test pupils in the fundamentals of arithmetic. Range: elementary grades. Time to give: no information. Time to score: no information. Standardized: locally.

This test is made up of a number of exercises each in addition, subtraction, multiplication, and division. Scores are given in terms of problems attempted and number right. Tests A and B are available.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.



**Detroit General Test A, Form X.** By Detroit Public Schools. Published: 1922. Purpose: to measure speed and accuracy in the 4 fundamentals of arithmetic. Range: grades 4B to 5B. Time to give:  $5\frac{1}{4}$  to  $6\frac{1}{4}$  minutes. Time to score: short. Standardized: partially.

The test is composed of 6 problems in addition, 12 in subtraction, and 5 in division. No carrying is required. The test is primarily a local one, but it may be used by systems that desire to compare their own achievements with those of Detroit.

Publisher: Bureau of Educational Research, Detroit Public Schools, Detroit, Mich.

Price: no information.

**Detroit General Test B, Form W.** By Detroit Public Schools. Published: 1922. Purpose: to measure speed and accuracy in the 4 operations in arithmetic. Range: grades 5A to 8A. Time to give:  $4\frac{1}{2}$  to  $6\frac{3}{4}$  minutes. Time to score: short. Standardized: partially.

The test is composed of 8 problems in addition, 8 in subtraction, 5 in multiplication, and 4 in division. The test is primarily a local test, but it may be used by the systems that desire to compare their own achievements with those of Detroit.

Publisher: Department of Educational Research, Detroit Public Schools, Detroit, Mich.

Price: no information.

**Fassett's Standardized Number Tests.** By ——— Fassett. Published: 1914, 1915. Purpose: to test pupils' ability in the fundamental operations of arithmetic. Range: grades 4-7. Time to give:  $\frac{1}{2}$  to  $1\frac{1}{2}$  minutes, according to the test given. Time to score: short. Standardized: no information.

These tests consist of 4 sets of cards, one set each for addition, subtraction, multiplication, and division. Each card is a separate test. Since the pupil writes the answers on a paper beside the problems on the card, the cards may be used again.

Publisher: Milton Bradley and Co.

Price: 12 cents per package.

**Foran Diagnostic Computation Scale.** By T. G. Foran. Published: 1925. Purpose: to measure a pupil's ability in the fundamentals of arithmetic and diagnose and classify errors. Range: Part I, grades 2-4; Part II, grades 5-8. Time to give: 25 minutes for Part I; 30 minutes for Part II. Time to score: about 2 minutes. Standardized: yes.

This scale is made up of Part I and Part II. Part I includes examples in addition, subtraction, multiplication, and division. Part II includes examples in fractions, decimals, and denominate numbers. Forms A, B, and C are available.

Publisher: The Catholic Education Press.

Price: \$1.55 per package of 100 tests.

**The Hollywood Arithmetic Test.** By Los Angeles Public Schools. Published: 1918. Purpose: to measure rate and quality of work in

arithmetic. Range: no information. Time to give: 30 minutes. Time to score: no information. Standardized: no information.

The test is composed of Forms 1, 2, and 3. Each form contains 19 problems. The problems range from simple problems in the 4 operations to reasoning problems in percentage. The problems are weighted. Scores for rate and quality are given. Reference: *First Year Book*, Department of Educational Research, Los Angeles, Calif.

Publisher: Department of Educational Research, City Schools, Los Angeles, Calif.

Price: not available for general distribution.

**The Illinois Examination.** By W. S. Monroe and B. R. Buckingham. For description, see "Composite."

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Individual Attainment Scale for Clinical Use.** By J. E. Wallin and Margery Gilbert. For description, see "Composite."

**Iowa High School Content Examination.** By G. M. Ruch and others. For description, see "Composite."

**Lippincott-Chapman Classroom Products Survey Tests.** By J. C. Chapman. For description, see "Composite."

**Los Angeles Diagnostic Tests: Fundamentals of Arithmetic.** By Caroline Armstrong and W. W. Clark. Published: 1925. Purpose: to provide a standardized survey test in the four fundamentals and to determine individual errors so that remedial treatment may be given. Range: grades 2-8. Time to give: 40 minutes. Time to score: no information. Standardized: yes.

This test consists of computation problems in the 4 fundamental processes in whole numbers, fractions, and mixed numbers in arithmetic. This test may be secured in 4 forms. Suggestions are given for the diagnostic use of this test.

Publisher: Research Service Co.

Price: \$3 per 100; specimen set, 10 cents.

**Los Angeles Diagnostic Tests: Reasoning in Arithmetic.** By Caroline Armstrong. Published: 1926. Purpose: to measure achievement and diagnose difficulties in arithmetic. Range: grades 3-9. Time to give: grades 3-5, 30 minutes; grades 6-9, 40 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 54 selected and graded reasoning problems in arithmetic. Four equivalent forms are available.

Publisher: Research Service Co.

Price: \$3 per 100 copies, any form; \$25 per 1,000; specimen set, complete, 10 cents.

**Lunceford's Diagnostic Number Tests.** By A. E. Lunceford. Published: 1920. Purpose: to measure the ability of primary pupils to make simple combinations in addition. Range: primary grades. Time to give: 5 minutes. Time to score: 1 minute. Standardized: yes.

The test is composed of problems of simple combinations in addition. The tests are especially recommended for diagnostic purposes. "They have proved to be quite a valuable device for discovering peculiar number combinations."

Publisher: Kansas State Normal School.

Price: 80 cents per 100 copies; specimen set, 10 cents, postpaid.

**Manuel's Digit Combination.** By Colorado State Normal School. Published: 1922. Purpose: to measure pupils' ability to do simple combinations in the 4 fundamentals. Range: grades 3-8. Time to give: 10 minutes for each part. Time to score: 1-5 minutes for each part. Standardized: tentatively.

The test is made up of combinations in the four fundamentals in arithmetic, including 100 combinations of digits in addition, 100 in subtraction, 100 in multiplication, and 90 in division. The screen covers the problem and is adjusted at regular periods so that the pupils can see the problems that they are to solve for only a definitely limited time.

Publisher: Colorado State Normal School.

Price: 60 cents per 100 test blanks (specifying whether for addition, subtraction, multiplication, or division); screens, 60 cents per 100.

**Minneapolis Primary Arithmetic Test.** By L. J. Brueckner. Published: 1924. Purpose: to test pupils in primary arithmetic. Range: grades 3B-4B. Time to give: 1 minute for each part. Time to score: short. Standardized: yes.

This test is divided into 4 parts: a test in addition, one in subtraction, one in multiplication, and one in division. Forms 2 and 3 are available.

Publisher: Minneapolis Board of Education, Minneapolis, Minn

Price: not published for general distribution.

**Monroe's Diagnostic Tests in Arithmetic.** By W. S. Monroe. Published: 1917. Purpose: to measure achievement and to diagnose pupil difficulties. Range: grades 4-8. Time to give: varies with grades, from 30 seconds to 4 minutes, for each test. Time to score: short. Standardized: yes.

The tests are made up of 4 parts on separate folders: Part I, including Tests 1 to 6, is on "Operations with integers." Part II, Tests 7 to 11, is on "Operations with integers," but of greater difficulty than Part I. Part III, Tests 12 to 16, consists of "Operations with common fractions." Part IV, Tests 17 to 21, consists of "Multiplication and division of decimal fractions."

Publisher: Public School Publishing Co.

Price: 85 cents per 100 for each part; specimen set, 10 cents.

**Monroe's General Survey Scale in Arithmetic.** By Walter S. Monroe. Published: 1920. Purpose: to measure pupils' ability to perform the operations of arithmetic. Range: Scale I, grades 3-5; Scale II, grades 6-8. Time to give: Scale I, 7 minutes; Scale II, 17½ minutes. Time to score: short. Standardized: yes.

The general survey scale is composed of 2 separate scales, of 3 forms, as follows: Scale I for grades 3-5; Scale II for grades 6-8. Scale I is composed of 8 tests, 2 for each of the fundamental operations. Scale II is composed of 7 tests. This test is also a part of the Illinois Examination.

Publisher: Public School Publishing Co.

Price: \$1 per 100; specimen sets, 15 cents.

**Monroe's Standardized Reasoning Tests in Arithmetic.** By W. S. Monroe. Published: 1918. Purpose: to measure ability to reason in arithmetic. Range: grades 4-8. Time to give: 25 minutes. Time to score: about 1 minute. Standardized: yes.

The tests consist of 3 forms, composed of 15 problems each: Test I, grades 4 and 5; Test II, grades 6 and 7; Test III, grade 8. Scoring is based on both right principle and correct answer. Right principle and correct answer are weighted in each problem. Speed can be measured, altho the tests are not primarily speed tests. Forms I and II are available.

Publisher: Public School Publishing Co.

Price: 80 cents per 100, each part; specimen set, 8 cents.

**Myers Problem Power Scale.** By Garry Cleveland Myers. Published: 1922 and 1924. Purpose: to test pupils' ability to work arithmetic problems. Range: grades 3-6. Time to give: approximately 20 minutes. Time to score: short. Standardized: tentatively.

This test, consisting of 48 arithmetic reasoning problems, is in the form of a folder made of manilla cardboard. The folder has openings after each problem in which the answer is to be written on the blank sheet of paper (8½x11) which has been inserted in the folder. There are also openings for the name, grade, date, age, school, and teacher. This folder may be used several times.

Publisher: Plymouth Press.

Price: no information.

**The National Arithmetic Scales.** By J. Freeman Guy. Published: 1927. Purpose: to measure achievement in the 4 fundamentals. Range: grades 3-9. Time to give: no information. Time to score: short. Standardized: yes.

Separate scales are available in addition, subtraction, multiplication, and division of whole numbers. Two equivalent forms are available.

Publisher: National Publishing Society.

Price: 1 cent per test sheet; directions, 6 cents; class record sheets, 2 cents each.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**Omnibus Achievement Test.** By C. W. Odell. For description, see "Composite."

**O'Rourke's Arithmetic Test.** By L. J. O'Rourke. For description, see "O'Rourke Series of Aids in Placement and Guidance" under "Vocational."

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Otis Reasoning Test in Arithmetic.** By Arthur S. Otis. Published: 1918, 1923. Purpose: to test pupils' reasoning ability in arithmetic. Range: grades 4-9. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This test is Test 5 of the Otis Group Intelligence Scale, Advanced Examination, but is sometimes used separately. It is made up of 20 story problems in arithmetic. Forms A and B are available.

Publisher: World Book Co.

Price: 50 cents per package of 25 examination sheets of either form, complete; specimen set, 10 cents, postpaid.

**Peet-Dearborn Progress Tests in Arithmetic.** By Harriet E. Peet and Walter F. Dearborn. Published: 1920. Purpose: to measure achievement and to diagnose difficulties. Range: grades 4-8. Time to give: grades 4 and 5, 55 minutes; grades 6, 7, or 8, 70 minutes. Time to score: short. Standardized: yes.

The tests are made up of 2 series: (1) grades 4 and 5; (2) grades 6-8. Each series is composed of 5 tests, each test containing from 9 to 13 problems. Test 1 in each series is a reasoning test. Space is left under each problem for the solution. The problems are weighted. Values range from 4 to 16.

Publisher: Houghton Mifflin Co., also the Harvard Graduate School of Education.

Price: \$1.20 per package of 24 tests and a record card with directions.

**Philadelphia Diagnostic Test in the Fundamentals of Arithmetic, Revised.**

By Philip A. Boyer. Published: 1926. Purpose: to discover abilities and particular needs in the fundamental operations of arithmetic. Range: Part I, grades 4 and 5; Part II, grades 6 and 7. Time to give: Part I, 32 minutes; Part II, 24 minutes. Time to score: no information. Standardized: yes.

This test is made up of two parts. Part I consists of 14 sub-tests covering the fundamentals of arithmetic, 3 in addition; 4, subtraction; 3, multiplication; 4, division. Part II consists of 10 sub-tests covering the fundamentals of arithmetic; 2, addition of whole numbers; 1, addition of fractions; 1, subtraction of whole numbers; 1, subtraction of

fractions; 1, multiplication of whole numbers; 1, multiplication of fractions; 2, division of whole numbers; 1, division of fractions.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Philadelphia Fundamental Operations in Arithmetic.** By Philip A. Boyer. Published: 1925. Purpose: to measure pupils' progress in fundamental operations in arithmetic. Range: grades 4B-8B (B classes). Time to give: 18 minutes. Time to score: no information. Standardized: no information.

This test consists of 4 tests in arithmetic covering addition, subtraction, multiplication, division, arranged in order of increasing difficulty.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Philadelphia Survey Test in Problems of Arithmetic.** By Philip A. Boyer. Published: 1926. Purpose: to test pupils' speed and accuracy in solving arithmetic problems. Range: grades 3A, 5A, and 7A. Time to give: 25 minutes for grades 3A and 5A; 35 minutes for grade 7A. Time to score: no information. Standardized: no information.

These tests consist of 10 story problems in arithmetic for each grade, 3A, 5A, and 7A. Each paper is to receive three scores: one for number of problems attempted, one for correct answers, and one for correct reasoning.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolph Pintner. For description, see "Composite."

**Pittsburgh Arithmetic Scale.** By J. Freeman Guy. Published: 1921. Purpose: to measure pupils' ability in the fundamentals of arithmetic. Range: grades 3-8. Time to give: 15 minutes. Time to score: short. Standardized: yes.

The scale consists of 40 problems selected from the 4 fundamentals and varying in difficulty. The scales may be used for diagnostic purposes. Forms A, B, and C are available.

Publisher: Public School Publishing Co.

Price: \$1 per 100 copies, each form; specimen set, 10 cents.

**Plymouth Arithmetic Tests, Test No. 5A, 6A, 7A, 8A, 11A, 12A, 16A, 17A, 21A, 24A, and 25A.** By James E. McDade. Published: 1922. Purpose: to test specific arithmetical abilities. Range: Tests 5A and 6A, grades 2-7; Tests 7A, 17A, and 24A, grades 4-8; Tests 8A, 11A, 12A, 16A, and 21A, grades 3-8; Test 25A, grades 6-8. Time to give: 5 minutes. Time to score: brief. Standardized: yes.

These tests are in the Plymouth series. The 11 arithmetic tests measure specific abilities as follows: Test 5A, 2-number combinations; Test 6A, adding 3 figures in columns; Test 7A, adding 9 figures in columns; Test 8A, adding columns of 9 3-figure numbers; Test 11A, subtracting 3-figure numbers; Test 12A, subtracting 7-figure numbers; Test 16A, multiplying 3 figures by 1-figure numbers; Test 17A, multiplying 3-figure by 2-figure numbers; Test 21A, dividing 3-figure by 1-figure numbers; Test 24A, writing numbers; Test 25A, percentages given, to write fraction. If the Regular edition is used, which is printed on manila folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetical Reasoning, and English Grammar).** By S. L. Pressey. For description, see "Composite."

**Pressey Second-Grade Attainment Scale in Spelling, Reading, and Arithmetic.** By L. W. Pressey. For description, see "Composite."

**Pressey Third-Grade Attainment Scale (Spelling, Arithmetic, and Reading).** By L. W. Pressey. For description, see "Composite."

**Price's Diagnostic Test of Processes of Working with Common Fractions.**

By E. D. Price. Published: no information. Purpose: to diagnose pupils' knowledge of common fractions and mixed numbers. Range: grades 6-8. Time to give: 60 minutes. Time to score: short. Standardized: no information

This test, in the form of a booklet, is divided into 10 groups each having 4 examples, one of addition, one of subtraction, one of multiplication, and one of division. Each group involves a different process.

Publisher: Enid Board of Education, Enid, Okla.

Price: 4 cents per booklet.

**Reavis-Breslich Diagnostic Tests in the Fundamental Operations of Arithmetic and in Problem Solving.** By W. C. Reavis and E. R. Breslich. Published: 1927. Purpose: to diagnose individual work in arithmetic and to be used as a means of classification. Range: grades 7-9. Time to give: 30 minutes. Time to score: about 5 minutes. Standardized: tentatively.

This test is divided into 10 sub-tests: 8 of the tests are on the fundamentals of arithmetic. One is on problems without numbers and the other is on problems with numbers. Forms A and B are available.

Publisher: University of Chicago Press.

Price: 10 cents per copy; 10 cents for directions, etc., with usual discount for schools.

**Rice's Reasoning Tests in Arithmetic.** By J. M. Rice. Not available.

Reference: Rice's *Scientific Management in Education*, G. G. Harrap and Co.; or *The Forum*, October-December, 1902.

**Robertson Fraction Test.** By M. S. Robertson. Published: 1924. Purpose: to diagnose difficulties in fractions. Range: grades 4-7. Time to give: 15 minutes for each test. Time to score: 2 minutes. Standardized: yes.

This series of tests includes a test in addition, one in subtraction, one in multiplication, and one in division of fractions. Each test consists of a number of problems arranged in order of difficulty.

Publisher: M. S. Robertson, Baton Rouge, La.

Price: not available for general distribution.

**Schorling-Clark Survey Tests in Arithmetic.** By Raleigh Schorling and J. R. Clark. Published: 1923. Range: grades 6-9. Time to give: 40 minutes. Time to score: no information. Standardized: no information.

There are 2 parts to this test: Part I, on General information; and Part II, on Computation. Each pupil scores his own paper.

Publisher: J. R. Clark, 425 W. 123rd St., New York City.

Price: not available for general distribution.

**The Spencer Diagnostic Arithmetic Test.** By Peter L. Spencer. Published: 1924. Purpose: to measure achievement and diagnose pupil difficulties. Range: grades 3-8. Time to give: 45 minutes. Time to score: 5 minutes. Standardized: yes.

There are 3 tests in this series with duplicate forms of each test. Test I is for grades 3 and 4, Test II for grades 5 and 6, and Test III for grades 7 and 8. "Test I consists of the four fundamentals and easy problems in denominate numbers. Test II consists of the four fundamentals, denominate numbers, common and decimal fractions, problems of the decimal point, etc. Test III consists of the application of percentage, as insurance, taxes, problems of gain and loss, mensuration, ratio and proportion and problems without numbers."

Publisher: Bureau of Educational Research, University of Oregon.

Price: \$2 per 100; specimen set, 10 cents for each form, postpaid; 6 forms, 45 cents.

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and Lewis M. Terman. The arithmetic examination can be ordered separately. For description, see "Composite."

Publisher: World Book Co.

Price: \$1 per package of 25 booklets.

**Starch's Arithmetical Scale A.** By Daniel Starch. Published. 1915. Purpose: to measure pupil's ability in arithmetic. Range: grades 3-8. Time to give: about 15 minutes. Time to score: about  $\frac{1}{2}$  minute. Standardized: yes.

The scale is made up of 12 steps, increasing in difficulty. Each step is weighted with values ranging from .4 to 15.1. All the steps contain reasoning problems.

Publisher: University Coöperative Co.

Price: 80 cents per 100; direction sheet, including standard scores, 2 cents each.



**Stevenson Problem Analysis Test.** By P. R. Stevenson. Published: 1923.

Purpose: to test the ability of pupils to analyze problems in arithmetic before making numerical computations. Range: Test I, grades 4-6; Test II, grades 7-9. Time to give: no time limit. Time to score: short. Standardized: yes.

Each problem requires an analysis to determine (a) the facts that are given, (b) what is to be found out, (c) the approximate size of the numerical answer, and (d) the arithmetical process to be used. There are two forms of each of the 2 tests. Form I is for first testing and Form II for second testing.

Publisher: Public School Publishing Co.

Price: \$1 per 100; specimen set, 10 cents.

**Stone's Arithmetic Test for the Fundamental Operations.** By Clifford W. Stone. *Out of print.* Replaced by Courtis Series B. •

**Stone (New) Reasoning Test in Arithmetic.** By C. W. Stone. Published: 1927. Purpose: to measure achievement and diagnose difficulties in the reasoning of arithmetic. Range: grades 4-9. Time to give: 30 to 40 minutes. Time to score: 4 minutes. Standardized: yes.

This test is developed from the original Stone Reasoning Test, but it is a longer test and is made up of better problems. The test consists of 21 reasoning problems arranged in order of difficulty. Two equivalent forms are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$1.25 per 100 copies; \$10 per 1,000; manual of directions, 65 cents; specimen set, complete, 75 cents.

**Stone Standardized Reasoning Test.** By Clifford W. Stone. Published: 1920. Purpose: to measure reasoning ability in arithmetic. Range: grades 5-8. Time to give: 15 minutes. Time to score: 5 minutes. Standardized: yes.

The test is composed of 12 reasoning problems, arranged in order of difficulty. The problems involve skill in operation as well as in reasoning. This test has been replaced by the New Stone Reasoning Test in Arithmetic. Forms I and II are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: *out of print.*

**Stormzand Graded Series of Arithmetic Tests.** By M. J. Stormzand. Reference: Glendale (California), Course of Study. Information not available.

**Theisen-Woody's Parallel Tests.** By W. W. Theisen. Published: no information. Purpose: to measure achievement in arithmetic in the same manner as the Woody Arithmetic Test, Series A. Range: addition and subtraction tests, grades 2-8; multiplication and division

tests, grades 3-8. Time to give: 20 minutes. Time to score: about 1 minute. Standardized: no information.

There are 4 tests: addition, subtraction, multiplication, and division, with the problems arranged in order of increasing difficulty. They are made up of problems in the 4 fundamentals (whole numbers and fractions), United States money, denominate numbers, and mixed numbers. They contain both the column and plus sign type of problems. "The parallel tests were made to follow the Woody Tests, Series A, as a second test."

Publisher: The Parker Co.

Price: 75 cents per 100 for each test.

**Thompson's Minimum Essentials in Arithmetic.** By Thomas E. Thompson. Published: 1912. Purpose: to measure pupils' speed and accuracy in the fundamentals of arithmetic. Range: grades 1-8. Time to give:  $1\frac{3}{4}$  to 6 minutes each. Time to score: short. Standardized: yes.

The tests are made up of quick oral and written tests in the fundamentals of arithmetic. There are 11 oral tests and 11 written tests. The oral tests are for practice purposes in preparation for the written tests. The problems in the written tests are the same as those in the oral test except that they are rearranged.

Publisher: Ginn and Co.

Price: 44 cents per 100; \$1.60 for 500.

**Thurstone's Vocational Guidance Arithmetic Test.** By L. L. Thurstone. For description, see Thurstone's Vocational Guidance Tests under "Vocational."

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**University of Porto Rico General Ability Test.** By F. C. Walters. For description, see "Composite."

**University of Porto Rico General Ability Test for High School Graduates.** By F. C. Walters and Malvina L. Monefeldt. For description, see "Composite."

**Wildeman's Test in Common Fractions.** By Edward Wildeman. Published: 1922. Purpose: to measure the attainment of classes studying fractions. Range: grades 5-8. Time to give: 17 minutes. Time to score: 10 minutes. Standardized: yes.

This test is made up of 4 divisions, one each for addition, subtraction, multiplication, and division of fractions. The first two divisions consist of 15 problems each and the last two of 12 problems each.

Publisher: Plymouth Press.

Price: 5 cents per single copy; 90 cents per 100.

**Wilson General Survey Tests in Arithmetic.** By G. M. Wilson. Published: 1926. Purpose: to test pupil's ability in arithmetic and his knowledge of certain business situations. Range: grades 5-7. Time to give: no time limit. Time to score: short. Standardized: no information.

These tests, which consist of tests in addition, subtraction, multiplication, and division, in whole numbers and fractions, and knowledge of business situations, are to be used as a contest in all public schools of the city or town. Forms 1 and 2 are available.

Publisher: University Publishing Co.

Price: 30 cents for each form.

**Wilson Inventory and Diagnostic Tests in Arithmetic.** By Guy M. Wilson. Published: 1927. Purpose: to serve as complete inventory of essential facts and process difficulties in four fundamental processes and fractions. Range: grades 3-10. Time to give: no time limit. Time to score: 1 to 10 minutes for each test. Standardized: yes.

This is a group of 15 tests made up of 4 tests in addition; 3 in subtraction; 2 in division; 1 in fractions; and 4 process inventory tests in addition, subtraction, multiplication, and division.

Publisher: University Publishing Co.

Price: not yet determined.

**Wisconsin Inventory Tests in Arithmetic.** By Worth J. Osburn. Published: 1924. Purpose: to test pupils' fund of arithmetical knowledge. Range: grades 2-8. Time to give: no time limit. Time to score: 1 minute. Standardized: not a survey test, therefore standards are not emphasized.

"There are 8 tests in the Wisconsin Inventory tests: Test I, 100 combinations in simple addition; Test II, 100 combinations in subtraction; Test III, 100 combinations in multiplication; Test IV, 100 combinations in division; Test V, Higher decade addition facts; Test VI, Combinations needed for carrying in multiplication; Test VII, Zero quotient combinations in short division; Test VIII, long division"

Publisher: Public School Publishing Co.

Price: \$1 per 100 for each test; specimen set, all 8 tests, 10 cents.

**Wisconsin Supervisory Tests.** By Worth J. Osburn. Published: 1923. Purpose: to test pupils' fund of arithmetical knowledge. Range: grades 3-8. Time to give: no time limit. Time to score: short. Standardized: not a survey test, therefore standards are not emphasized.

These tests are made up of 8 forms: Form A.A., 100 combinations in addition; Form A.S., 100 combinations in subtraction; Form A.M., 100 combinations of simple multiplication; Form A.D., the most difficult of the combinations, which are needed in short division; Form B.A., the most useful combinations involved in column addition not covered by Form A.A.; Form C.A., addition combinations needed for accurate carrying in multiplication; Form B.D., all combinations which give zero

in the quotient; Form C.D., major difficulties in long division. These tests are to be given visually and orally.

Publisher: Eau Claire Book and Stationery Co.

Price: no information.

**Witham's Standard Arithmetic Tests.** By Ernest C. Witham. Published: 1922. Purpose: to determine pupils' ability in arithmetic. Range: grades 5-9. Time to give: 30 to 45 minutes. Time to score: 1 minute. Standardized: yes.

There are 5 separate tests: (1) all the essentials of several tests in 1 test, (2) fractions, (3) decimals, (4) percentage, (5) denominate numbers. Each test is made up of from 18 to 28 problems.

Publisher: J. L. Hammett Co.

Price: \$1 per set of 50, including directions.

**Woody Arithmetic Scales: Series A and B.** By Clifford Woody. Published: 1916; revised, 1920. Purpose: to measure achievement in arithmetic of a group, class, or entire school system. Range: addition and subtraction scales, grades 2-8; multiplication and division scales, grades 3-8. Time to give: 20 minutes. Time to score: about 1 minute. Standardized: yes.

The scales are composed of 2 series, A and B. Each series is made up of 4 scales, one for each of the 4 fundamentals. "The examples in each scale have been carefully graded and arranged in order of difficulty. Series A and Series B are similar in construction, but Series B contains only about half as many problems as Series A, and the problems are arranged at approximately equal intervals on the scale." Series B is more useful when time is limited; Series A is more valuable for diagnosis.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 50 cents per 100 for each scale; Manual of Directions, 60 cents; extra answer cards, 5 cents each; specimen set, 6 cents postpaid.

**Woody Arithmetic Scales: Van Wagenen Revision.** By Clifford Woody and M. J. Van Wagenen. Published: 1926. Purpose: to test a pupil's ability to perform the 4 fundamental processes in arithmetic. Range: separate tests for grades 3-4, 5-6, and 7-8. Time to give: no information. Time to score: no information. Standardized: yes.

These tests consist of 6 scales. Division I, scales R and S are for grades 3 and 4. Division II, R and S are for grades 5 and 6. Division III, R and S are for grades 7 and 8. Each one contains 30 problems in the fundamentals. Each exercise in the scales is evaluated.

Publisher: Public School Publishing Co.

Price: \$1 per 100 for each scale; specimen set, 10 cents.

**Woody-McCall Mixed Fundamentals.** By Clifford Woody and William A. McCall. Published: 1920. Purpose: to diagnose ability to handle fundamentals. Range: grades 3-8. Time to give: 20 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 34 exercises in arithmetic covering addition, subtraction, division, and multiplication of whole numbers, fractions, and decimals. The problems increase in difficulty. The test was formed by a special arrangement of the Woody Arithmetic Scales. Forms I, II, III, and IV are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 60 cents per 100 copies, Form I, II, III or IV; \$5.50 per 1,000; specimen set, 10 cents, postpaid. Also published by Public School Publishing Co., price \$1 per 100 copies, either form; specimen set, 10 cents.

### ALGEBRA

**Childs' Algebra Test.** By H. G. Childs. Published: 1917. Purpose: to test achievement in first-year algebra. Range: first-year algebra. Time to give: 47 minutes. Time to score: short. Standardized: partially.

The test consists of 12 parts: (1) Subtraction; (2) Multiplication; (3) Simple equations; (4) Division; (5) Transposition; (6) Collecting; (7) Stating equations; (8) Clearing of fractions; (9) Fractional equations; (10) Factoring; (11) Simultaneous equations; (12) Stating fractional equations. This test was devised for use in the Indiana high schools. Reference: *Bulletin* of Extension Division, Indiana University, Vol. II, No. 6.

Publisher: Indiana University.

Price: *out of print*.

**Coleman's Scale in Algebra.** By W. H. Coleman. Published: 1916. Purpose: to measure pupils' ability in first-year algebra. Range: first-year algebra. Time to give: 30 minutes. Time to score: short. Standardized: yes.

The scale is composed of 20 problems covering the essential elements of first-year algebra, in approximately the order followed by standard texts. Each problem contains as many forms of its class of work as possible, with little duplication of the same kind of work. Problems have a nearly uniform increase in difficulty based upon the time required for solution. Space for working problems is left at the foot of the page, no other paper being necessary.

Publisher: Extension Division, University of Nebraska.

Price: 2 cents per copy; keys, 3 cents each; directions, 3 cents each.

**Columbia Research Bureau Algebra Test.** By Arthur S. Otis and Ben D. Wood. Published: 1927. Purpose: to provide a standardized final examination or college entrance test in first-year algebra. Range: high school and college. Time to give: 100 minutes. Time to score: 5 minutes. Standardized: yes.

"This test consists of two parts. Part I consists of 20 equations to be solved. The solution of each calls for a special algebraic manipula-

tion, such as clearing fractions, factoring the difference of two squares, squaring a binomial, factoring a special trinomial, reading a graph, plotting the graph of a first-degree equation, of a second-degree equation, etc. Part II is a list of 20 real problems calling for solution by algebra, each involving an equation slightly different from the others. The student is required to give the equation as well as the value of the unknown."

Publisher: World Book Co.

Price: \$1.30 per package of 25, complete; specimen set, 20 cents, postpaid.

**Dalman-Wentz Algebra Hurdles.** By M. A. Dalman and E. K. Wentz.

Published: 1926. Purpose: to measure students' work in first-year algebra. Range: grades 8 and 9. Time to give: varies. Time to score: varies. Standardized: no.

This is a series of calibrated objective tests which may be used to diagnose the ability of students in first-year algebra. This material is still in the experimental form. Reference: *Journal of Educational Research*, January, 1920.

Publisher: Public School Publishing Co.

Price: not available except in experimental form.

**Detroit Examinations in Mathematics.** By Detroit Public Schools. For description, see "Mathematics—General."

**Douglass Series of Diagnostic Tests for First-Year Algebra.** By Harl

Roy Douglass. Published: 1921; revised, 1924. Purpose: to measure achievement in first-year algebra. Range: grades 9 and 10. Time to give: Series A, 40 minutes for either form; Series B, 7 to 15 minutes. Time to score: short. Standardized: yes.

These tests consist of Series A and Series B. Series A is made up of the following 4 tests in Algebra: Test I, Addition and subtraction; Test II, Multiplication; Test III, Division; and Test IV, Simple equations. Series B is made up of 7 tests. Tests I and II deal with fractions; Test III, Formulae and fractional equations; Test IV, Simultaneous equations; Test V, Graphs; Test VI, Square root, exponents, and radicals, and Test VII, Quadratic equations. Forms I and II are available.

Publisher: University Press, University of Oregon.

Price: Series A, \$1.60 per 100 folders, complete; Series B, 4 cents per set of 7 tests, or \$3.50 per 100; 3 cents per set of 5 tests (1-5), or \$2.50 per 100; record sheets, 3 cents each; specimen set, 30 cents.

**Hotz's First-Year Algebra Scales.** By Henry G. Hotz. Published: 1918.

Purpose: to indicate attainment, to measure progress, and to diagnose difficulties. Range: first-year algebra. Time to give: no time limit. Time to score: 30 seconds for each test of Series "A"; 60 seconds for each test of Series "B." Standardized: yes.

The scales are composed of 5 different tests: (1) Addition and subtraction; (2) Multiplication and division; (3) Equation and formula;

(4) Graphs; (5) Problems. Each scale is composed of 2 series, except the graph scale which contains only one. Series B is longer than Series A and contains from 18 to 25 exercises in each scale. Series A, about half as long as Series B, may be used when time is limited.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 80 cents per 100 copies of any scale, except the Graph Scale, which is \$1.35 per 100; specimen set, 15 cents postpaid. "Manual of Directions for First-Year Algebra Scales," by Henry G. Hotz, 80 cents.

**Illinois Standardized Algebra Tests.** By W. S. Monroe and L. W. Williams. Published: 1920. Purpose: to measure speed and accuracy in finding the unknown "x." Range: secondary school. Time to give: 4 to 10 minutes for each of the 4 tests. Time to score: short. Standardized: yes.

This is a test of ability to solve equations for an unknown "x." There are 4 separate parts of increasing complexity. Space for solution is left after each problem.

Publisher: Public School Publishing Co.

Price: \$2.50 per 100; specimen set, 15 cents.

**Kelley Mathematical Values Test.** By T. L. Kelley. For description, see "Mathematics—General."

**Los Angeles Test in Algebra.** By Los Angeles Public Schools. Published: 1919. Purpose: to measure attainment in first-year algebra. Range: grade 9A. Time to give: 40 minutes. Time to score: no information. Standardized: locally.

The test is composed of 15 problems. The problems are selected in such a way as to test the pupil's ability to handle the different parts or phases of first-year algebra.

Publisher: Board of Education, Los Angeles, Calif.

Price: not published for general distribution.

**Monroe Standardized Research Tests in Algebra.** By W. S. Monroe. Published: 1915. Purpose: to measure ability to solve simple algebraic operations. Range: secondary schools. Time to give: Test 1, 1½ minutes; Test 2, 3 minutes; Test 3, 1 minute; Test 4, 2 minutes; Test 5, 3 minutes; Test 6, 12 minutes. Time to score: short. Standardized: yes.

There are 6 separate tests, as follows: (1) Multiplication; (2) Reduction to a common denominator; (3) Division; (4) Transposition; (5) Collecting terms; (6) Solving equations. Both speed and accuracy are measured. The number of problems attempted determines the speed, and the number solved correctly determines the accuracy.

Publisher: Kansas State Normal School.

Price: *out of print*.

**Philadelphia Diagnostic Test in Algebra.** By Philip A. Boyer. Published: 1927. Purpose: to test pupils' abilities in the fundamental

operations in algebra. Range: grade 9. Time to give: Part I, 34 minutes; Part II, 42 minutes. Time to score: no information. Standardized: yes.

This test consists of 3 parts. Part I consists of 4 sub-tests covering addition and subtraction, multiplication, division, and solving simple algebraic equations. Part II consists of 4 sub-tests covering fundamental operations, equations, factoring, products, and problems in algebra. Part III consists of 3 sub-tests covering problems in fractions, equations, and powers and roots.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Phillips' Algebra Tests.** By F. M. Phillips. Published: 1914. Purpose: to measure improvement in certain mathematical abilities during a semester of college algebra. Range: first-year college. Time to give: 15 minutes. Time to score: about 2 minutes. Standardized: yes. *Out of print.*

**Rogers' Test for Mathematical Ability.** By Agnes L. Rogers. For description, see "Mathematics—General."

**Rugg-Clark Standardized Tests in First-Year Algebra.** By H. O. Rugg and J. R. Clark. Published: 1918. Purpose: to test pupils' achievement in algebra and diagnose difficulties. Range: first-year algebra. Time to give: 4 minutes for each test. Time to score: short. Standardized: yes.

These tests include 14 tests arranged in 2 pamphlets, and 2 supplementary tests, one for graphs and the other for quadratic equations. Each test is designed to measure the formal operations in algebra. The tests are "rate" or "time" tests, and the problems are so arranged that the rate can easily be determined. Preliminary tests are given one day previous to the regular test, so that pupils will be familiar with the procedure in testing.

Publisher: H. O. Rugg, 425 West One-hundred-twenty-third St., New York City, N.Y.

Price: 8 cents per copy; specimen set, 12 cents.

**Standard Tests of Progress in College Algebra.** By Research University. Published: in preparation. Purpose: to give comparative measures of progress in college algebra. Range: college. Time to give: about 50 minutes. Time to score: about 5 minutes. Standardized: yes.

"These tests are to be similar (in form) to those now in use for plane geometry and high school algebra."

Publisher: Research Publishing Co., or World Book Co.

Price: not yet determined.

**Stromquist's Algebra Tests.** By C. E. Stromquist. Published: 1918. Purpose: to measure pupils' speed and accuracy in algebra. Range: high school. Time to give: first 4 tests, 4 minutes each; Tests



5 and 6, 5 minutes each; Test 7, 10 minutes. Time to score: 20 to 30 minutes. Standardized: no.

The tests are made up of 7 parts, as follows: (1) Application of formulae, (2) Division, (3) Simple equations in one unknown, (4) Simple simultaneous equations, (5) Factoring, (6) Numerical substitution, (7) Forming equations.

Publisher: University of Wyoming.

Price: \$2.75 per 100 copies; \$1.40 per 50 copies; 3 cents per single copy, postpaid.

**Thurstone's Vocational Guidance Algebra Test.** By L. L. Thurstone. For description, see Thurstone's Vocational Guidance Tests under "Vocational."

## GEOMETRY

**Columbia Research Bureau Test: Plane Geometry.** By Herbert E. Hawkes and Ben D. Wood. Published: 1926. Purpose: to measure achievement in plane geometry. Range: students of high school geometry. Time to give: 1 hour. Time to score: short. Standardized: yes.

This test consists of 2 parts as follows: Part I, true-false, is made up of 65 true and false statements concerning many aspects of the subject-matter, such as the meaning of terms, propositions, corollaries, loci, problems, constructions, and formulae; Part II, Problems, is made up of 35 problems ranging from very easy to very difficult. The student indicates his understanding and solution of the problems by means of numerical answers. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.20 per package of 25 examination booklets; specimen set, 25 cents.

**Detroit Examinations in Mathematics.** By Detroit Public Schools. For description, see "Mathematics—General."

**Hart's Plane Geometry Tests.** By W. W. Hart. Published: 1927. Purpose: to measure pupils' knowledge in plane geometry. Range: students studying plane geometry. Time to give: from 20 to 45 minutes, varying according to tests. Time to score: no information. Standardized: tentatively.

This test is made up of 5 tests, each in a separate booklet covering a particular book of Geometry. Each test consists of problems the solution of which requires the recognition and application of the fundamental theorems of Books I-V, respectively.

Publisher: D. C. Heath and Co.

Price: \$1.68 per set of 20 booklets; 25 per cent discount for orders in quantities. Not sold except in sets of 20.

**Kansas City Geometry Tests.** By O. A. Wood and W. H. Templin. Published: 1923. Purpose: to measure achievement in geometry. Range:

plane geometry classes. Time to give: no information. Time to score: no information. Standardized: no.

These tests include 4 separate tests, one for each of the first 3 books in plane geometry and one for the fourth and fifth books. Each test includes 15 problems in construction and description of constructions.

Publisher: Board of Education, Kansas City Public Schools, Kansas City, Kan.

Price: *out of print*.

**McMindes Test in Plane Geometry.** By Maude E. McMindes. Published: probably 1927. Purpose: to measure achievement in plane geometry. Range: classes in plane geometry. Time to give: 60 minutes. Time to score: 5 minutes. Standardized: yes.

This test is made up of 3 parts. Part I includes 75 true-false statements concerning geometry. Part II consists of 31 multiple-response problems. Part III is made up of 30 problems to be worked in geometry. Forms A and B are available.

Publisher: not yet published.

Price: not yet determined.

**Minnick's Geometry Test.** By J. H. Minnick. Published: 1919. Purpose: to measure pupils' ability to demonstrate a theorem in geometry. Range: secondary schools. Time to give: about 1 hour. Time to score: about 5 minutes. Standardized: yes.

There are 4 tests: A, B, C, and D. Test A measures the pupil's ability to draw the figure; Test B, to state the hypothesis and conclusion; Test C, to recall facts concerning the figure; Test D, to select and arrange facts so as to produce the proof.

Publisher: Public School Publishing Co.

Price: \$2.50 per 100 each for tests A, B, C, D; specimen set, 20 cents.

**Perry Geometry Tests.** By Robert D. Perry. Published: 1927. Purpose: to measure achievement in geometry and diagnose difficulties. Range: plane geometry classes. Time to give: 35 minutes. Time to score: 2 or 3 minutes. Standardized: yes.

This series of tests is made up of 5 tests, one for each book in plane geometry. Each test has the following 4 units: theorems, logical conclusions, computations, and constructions.

Publisher: Lafayette Publishing Co.

Price: 3 cents per copy; scoring keys, 3 cents each.

**Plymouth Educational Tests, No. 111A, Equal Angles.** By James E. McDade. Published: no information. Purpose: to measure the ability to judge equal angles. Range: grades 5-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents first 24 acute angles numbered in order of size. Then 16 angles are presented and the pupil is to indicate the angle in the numbered key most nearly re-

sembling each. If the Regular edition is used, which is printed on manilla folders, the test may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 112A, Equal Rectangles.** By James E. McDade. Published: no information. Purpose: to measure ability to judge equal rectangles. Range: grades 5-8. Time to give: no information. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents first a series of rectangles numbered in order of size, then a series of rectangles in mixed order, indicated by letter. The pupil is asked to indicate correspondences between the two series. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, 113A, Perception of the Length of Lines.** By James E. McDade. Published: 1920. Purpose: to measure ability to judge length of lines. Range: grades 5-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents first a series of 31 lines numbered in order of length. Seventeen lines indicated by letters are then presented in mixed order. The pupil is asked to indicate correspondences in length between the two series. If the Regular edition is used, which is printed on manila folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Renfrow Diagnostic Tests in Plane Geometry.** By O. W. Renfrow. Published: 1926. Purpose: to measure pupils' knowledge of plane geometry. Range: students of plane geometry. Time to give: 45 to 60 minutes. Time to score: 45 minutes. Standardized: yes.

These tests are made up of tests I and II, each consisting of 4 parts. Part 1 is a test in definitions, axioms, and postulates; part 2, in constructions and locus problems; part 3, in theorems; and part 4 is made up of exercises and problems. Forms A and B are available.

Publisher: C. A. Gregory, University of Cincinnati.

Price: \$1 per package of 25 test booklets, including class record and score cards. In quantities less than 25, 5 cents per copy and 5 cents extra for class record; specimen set, any form, postpaid, 10 cents; all forms, 35 cents.

**Rogers' Test for Mathematical Ability.** By Agnes L. Rogers. For description, see "Mathematics—General."

**Schorling Plane Geometry Test.** By Raleigh Schorling. For description, see *An Achievement Test in Plane Geometry*, by Raleigh Schorling and Vera Sanford.

**Schorling-Sanford Achievement Test in Plane Geometry.** By Raleigh Schorling and Vera Sanford. Published: 1923. Purpose: to measure achievement of pupils in plane geometry. Range: high school. Time to give: 52 minutes. Time to score: 2 to 3 minutes. Standardized: yes.

This test is "a new-type final examination covering each of the five books of plane geometry." It is revised from and replaces the Test in Plane Geometry suggested by Mr. Raleigh Schorling in the Report of the National Committee on Mathematical Requirements. Forms A and B are available.

Publisher: Lincoln School of Teachers College, Columbia University.

Price: 10 cents per copy, Forms A or B; Manual of Directions, 25 cents.

**Seattle Solid Geometry Test Series.** By August Dvorak, M. E. Morgan, and W. T. Wait. Published: 1927. Purpose: to measure achievement in solid geometry. Range: high school. Time to give: 25 minutes for each part. Time to score: 1 minute for each part. Standardized: yes.

The test is divided into 10 parts: Parts 1 and 2 cover lines and planes; Part 3, dihedral and polyhedral angles; Part 4, prisms and parallelograms; Part 5, pyramids; Part 6, cylinders and cones; Part 7, spheres; Part 8, spherical polygons and spherical areas; and Part 9, spherical volumes. Part 10 is a final examination. The entire test contains approximately 50 items of the true-false type, with figures and statements regarding the figures in each test.

Publisher: Seattle Public Schools, Seattle, Wash.

Price: 15 cents per set of the 10 tests.

**Starch and Hemenway Geometry Test.** By Daniel Starch and H. S. Hemenway. Published: 1918. Purpose: to diagnose pupil difficulties in geometry. Range: secondary schools. Time to give: no time limit. Time to score: 5 minutes. Standardized: tentatively.

The test is composed of "15 definitions, 31 reasons (theorems I-IV)," all on one folder. Weighted scores are given based on the estimates of 22 teachers of geometry. The theorems are so constructed that the proofs may be completed by filling blanks with the proper terms.

Publisher: University Cooperative Co.

Price: 3 cents per sheet.

**Stockard and Bell's Geometry Test.** By L. V. Stockard. Published: 1916. Purpose: to measure ability in geometry. Range: grades 9-11. No further information available.

**Tests in Mental Manipulations of Space Relations.** By H. N. Irwin. Published: 1918. Purpose: "to compel the pupils to get the answer to each question thru mental manipulation of the data involved

solely and without any assistance from drawings or other external devices." Range: grades 9-12. Time to give: 30 minutes. Time to score: no information. Standardized: no information.

This test is made up of 20 questions involving the visualization of objects such as blocks, paper, and boxes, and the solving of problems concerning them. Tests A, B, C, and D have been developed. Reference: *School Review*, October and November, 1925.

Publisher: H. N. Irwin, Fairmount Junior High School, Cleveland, Ohio.

Price: not available for general distribution.

**Thurstone's Vocational Guidance Geometry Test.** By L. L. Thurstone. For description, see Thurstone's Vocational Guidance Tests under "Vocational."

**Webb Geometry Tests.** By Paul E. Webb. Published: 1926. Purpose: to test pupils' ability in geometry. Range: students of high school geometry. Time to give: 45 minutes. Time to score: short. Standardized: yes.

This test consists of 5 parts. Part I is a series of 11 statements to be completed by the study of a given figure. Part II is a series of 9 statements with one word omitted. The correct word is to be supplied by the pupil. Part III is a series of 6 exercises, each followed by 4 statements, one of which is true. These true statements are to be found and checked. Part IV is a series of 5 exercises, each of which can be completed in 4 ways, 3 of which always make a true statement, and 1 a false. The false statement is to be checked. Part V involves the construction of simple geometric figures, with the aid of a rule and compass only.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25 tests; specimen set, 15 cents.

## COMMERCIAL ARITHMETIC

**Kinney Commercial Arithmetic Scales.** By L. B. Kinney. Published: 1926. Purpose: to test pupils' ability to solve problems similar to the problems found in the business world. Range: high school. Time to give: test A, Part I, 20 minutes; Part II, 10 minutes; Test B and C, no information. Time to score: no information. Standardized: yes.

Test A is intended for use at the end of the first semester. These tests cover work in the fundamentals, especially work in short-cut methods and in aliquot parts. Test B presents fairly simple problems in commercial arithmetic and is intended for use at the end of the first semester. Test C is devised for use at the end of the second semester. It involves the use of problems to help the child diagnose his difficulties. Forms 1 and 2 are available.

Publisher: Public School Publishing Co.

Price: \$1 per package of 25 tests; specimen set, 10 cents.

## TRIGONOMETRY

**Standard Tests of Progress in Trigonometry.** By Research University.

Published: in preparation. Purpose: to give comparative measures of progress in trigonometry. Range: college. Time to give: about 50 minutes. Time to score: about 5 minutes. Standardized: yes.

"These tests are to be similar [in form] to those now in use for plane geometry and high school algebra."

Publisher: Research Publishing Co. or World Book Co.

Price: not yet determined.

## READING

## GENERAL

**Adams' Silent Reading Test.** By W. C. T. Adams. Published: 1920.

Purpose: to measure speed and comprehension in silent reading.

Range: grades 1-8. Time to give: about 15 minutes. Time to score: 1 to 3 minutes. Standardized: yes.

There are 8 separate tests consisting of selections suitable for each grade. Each test is made up of 2 parts: a speed test and a comprehension test. Speed is determined by the number of words read per minute. Comprehension is found by questions asked on the selection read.

Publisher: Edward E. Babb and Co., also State Normal School, Plymouth, N.H.

Price: 10 cents per copy.

**Baltimore Reading Maturity Test.** By Frances M. Berry and Agnes L.

Rogers. Published: no information. Purpose: to determine reading maturity of entering 1B children. Range: grade 1B. Time to give: 20 to 30 minutes. Time to score: 2 minutes. Standardized: partially.

This test is made up of several groups of printed words or short sentences in which the pupil is to find likenesses or differences. Equivalent forms are developed.

Publisher: Bureau of Research and Statistics, Baltimore Public Schools, Baltimore, Md.

Price: not available for general distribution.

**Bolenius Diagnostic Tests for Second- and Third-Grade Reading.** By

Emma M. Bolenius. Published: 1923. Purpose: to test comprehension in silent reading. Range: separate tests for grades 2 and 3. Time to give: no information. Time to score: short. Standardized: no.

These are diagnostic tests made up of 24 tests from each reader. A sample story is taken from the reader, and questions are asked which will develop the child's thinking power, and test his knowledge of the words used. These tests serve as a basis for dividing a class into

groups, for diagnosing an inferior pupil's weakness, to release the superior group of children from unnecessary drill, and to save the teacher's and pupil's time and patience.

Publisher: Houghton Mifflin Co.

Price: 20 cents per package of 24 tests, including private and comprehension tests.

**Boston Research Tests in Silent Reading.** By Boston Public Schools. Published: no information. Purpose: to measure quality in silent reading. Range: grades 4-8. Time to give: about 15 minutes. Time to score: long. Standardized: no information.

The tests are made up of 2 selections for each grade. The pupils are to reproduce the selection and to answer questions asked on it.

Publisher: Department of Educational Investigation and Measurement, Boston Public Schools, Boston, Mass.

Price: not published for general distribution.

**Brown's Silent Reading Tests.** By H. A. Brown. Published: 1916. Purpose: to measure ability in silent reading. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

The tests are composed of 3 selections, as follows: (1) "The Long Slide," (2) "A Morning Adventure," (3) "A Strange Bird." The pupil is tested on his comprehension of the selection.

Publisher: Frank R. Strong, 11 South Spring St., Concord, N.H.

Price: *out of print.*

**Brueckner-Heylman First-Grade Diagnostic Reading Test.** By L. J. Brueckner and Clara Heylman. Published: 1926. Purpose: to diagnose first-grade reading. Range: grade 1. Time to give: no information. Time to score: no information. Standardized: yes.

This test is made up of 3 tests. The first test is a multiple-response test in which simple questions, read by the teacher, are to be answered. The second test is the same type of test in which pictures are to be described by phrases. The third test is the same type as the second test in which pictures are to be described by sentences.

Publisher: Minneapolis Board of Education and Educational Test Bureau, Minneapolis, Minn.

Price: 90 cents per package of 25 copies, complete.

**Burgess Scale for Measuring Ability in Silent Reading.** By May Ayres Burgess. Published: 1920. Purpose: to measure rate of comprehension in silent reading. Range: grades 3-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

The scale is composed of 4 picture supplement scales containing 20 paragraphs each. The 4 scales are of equal difficulty. Each paragraph has a picture above it. The pupils are directed to do something to the picture. The grade depends upon the ability to follow directions.

Publisher: Russell Sage Foundation, also Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: \$1.25 per 100.

**Chapman-Cook Speed of Reading Tests.** By J. C. Chapman and Sidney A. Cook. Published: 1923. Purpose: to measure speed and accuracy in reading. Range: grades 4-8. Time to give: 2½ minutes. Time to score: 20 seconds. Standardized: yes.

This test consists of a preparatory exercise and 30 test paragraphs. In each paragraph there is 1 word which spoils the meaning of the paragraph. The pupil is asked to cross out this word.

Publisher: J. B. Lippincott Co.

Price: \$1 per package of 50.

**The Chapman Unspeeded Reading Comprehension Test.** By J. Crosby Chapman. Published: 1925. Purpose: to test pupils' reading comprehension. Range: grades 5-12. Time to give: 30 minutes. Time to score: 3 minutes. Standardized: yes.

This test consists of a fore-exercise and 33 paragraphs whose reading difficulty progresses in substantially equal steps. Comprehension of a paragraph is proved by crossing out 1 word.

Publisher: J. B. Lippincott Co.

Price: \$1 per package of 50.

**Courtis Research Tests in Silent Reading, No. 2.** By S. A. Courtis. Published: 1917. Purpose: to measure rate and comprehension in silent reading. Range: grades 2-6. Time to give: 8 minutes. Time to score: no information. Standardized: yes.

The Courtis Silent Reading Test, No. 2, Series R is composed of 2 parts. Part 1 measures the rate of reading and Part 2 the comprehension. Rate is determined by the number of words read per ½ minute. Comprehension is determined by the pupil's ability to answer questions. Forms 1, 2, and 3 are available.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: \$1.25 for material for 40 pupils.

**Dearborn-Westbrook Reading Examination.** By W. F. Dearborn and ——— Westbrook. Published: 1920. Purpose: to measure ability in reading. Range: grades 3-7. Time to give: 25 minutes. Time to score: 2 or 3 minutes. Standardized: tentatively.

This test is in process of revision.

Publisher: W. F. Dearborn, Graduate School of Education, Harvard University.

Price: not available for general distribution.

**Denver Diagnostic Reading Tests.** By Charles E. Greene and Frances M. Noar. Published: 1927. Purpose: to test comprehension of reading and diagnose difficulties. Range: grades 3-6. Time to give: 28 minutes. Time to score: short. Standardized: partially.

These tests are made up of 3 parts: recreational reading, informational reading, and understanding of directions. Each part is made up of 12 selections to be read, followed by multiple-response type questions on the selection. Forms I and II have been developed.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).



**Detroit Examinations in Reading.** By Detroit Public Schools. Published: 1922, 1923. Purpose: to measure pupils' reading ability. Range: grades 1-9. Time to give: 5½ to 9 minutes for each test. Time to score: no information. Standardized: locally.

This is a group of 5 tests in reading. Test I, Forms A and B, is a word recognition test for grade 1. Test II, Form B, Grade 3, and Form P, grades 2A and 3; Test III, Form P, grades 4-6; Test IV, Forms P and Q, grades 7-9; and Test V, Forms F and G, are of the same type, each consisting of 12 exercises followed by questions of the multiple-response type on the content of the exercise.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: specimen set, 25 cents.

**Detroit Reading Test.** By Claudia M. Parker and Eveline A. Waterbury. Published: 1927. Purpose: to measure pupils' rate and comprehension in classroom reading. Range: grades 2-9. Time to give: 5 to 8 minutes varying for each test. Time to score: short. Standardized: yes.

This test consists of 4 tests of different degrees of difficulty. Test I, forms A and B, is designed for second-grade and follows the Detroit Word Recognition Test; Test II, forms A, B, and C, is for third grade; Test III, form A, B, C, and D, for seventh, eighth, and ninth grades. Each test consists of a 4-page folder, the first page of which contains practice exercises. Each test contains 24 items based on the reading of 12 paragraphs.

Publisher: World Book Co.

Price: 90 cents per package for each form of each test; specimen set, 25 cents postpaid, complete.

**Fordyce's Scale for Measuring Achievements in Reading.** By Charles Fordyce. Published: 1916. Purpose: to measure speed and comprehension in reading. Range: Test 1, grades 3-5; Test 2, grades 6-9. Time to give: 100 to 140 seconds. Time to score: 5 minutes. Standardized: yes.

The scale is made up of 2 tests: (1) "Narcissus"; (2) "Spirit of Spring." Each test is composed of 2 parts. Part 1 measures speed in reading. Part 2 measures comprehension. The quality of reading is determined by the pupil's ability to answer questions on the selection.

Publisher: Bureau of Measurements and Research, Lincoln, Neb.

Price: 50 cents per 100, each part; directions, 3 cents; record sheets, 40 cents per 100; standards free.

**Fordyce's Test for Measuring Ability in Reading, Test II.** By Charles Fordyce. Published: 1923. Purpose: to measure rate and comprehension in reading. Range: grades 6-9. Time to give: 10 minutes. Time to score: 3 minutes. Standardized: yes.

The test is composed of a short selection, "The Nervous System," which the pupil is to read twice. Ten questions are then asked on the

selection. Rate is determined by the number of words read per minute and comprehension by the number of questions answered correctly.

Publisher: Extension Division, University of Nebraska.

Price: \$1 per 100 copies.

**Gates Primary Reading Tests.** By Arthur I. Gates. Published: 1926.

Purpose: to diagnose more elementary phases of reading. Range: grades 1 and 2. Time to give: 15 minutes. Time to score: short. Standardized: yes.

These tests are used to measure achievement in the primary grades and to diagnose difficulties of pupils who do poorly on the team of tests. Type 1 tests word recognition; Type 2 tests word, phrase, and sentence reading in increasingly difficult reading units; and Type 3 tests reading of directions which are given in paragraph form and increase in length and complexity. Forms 1 and 2 are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$6 per 100 for 3 tests; \$3 per 100, each test.

**Gates Silent Reading Tests.** By Arthur I. Gates. Published: 1926.

Purpose: to yield a general measure of silent reading ability and to provide an intelligible diagnosis of special needs for follow-up work. Range: grades 3-8. Time to give: 30 minutes. Time to score: no information. Standardized: yes.

These tests are to be used as a team, the team consisting of 4 tests, which have been designated as follows: Type A is called Reading to appreciate the general significance of a paragraph (time, 6 minutes); Type B, Reading to predict the outcome of given events (time, 8 minutes); Type C, Reading to understand precise directions (time, 6 minutes); Type D, Reading to note details (time, 8 minutes). Forms 1 and 2 are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$3 per 100 copies of each test; \$8 per 100 copies of all 4 tests; 3¼ cents per copy; Teacher's Manual, 25 cents.

**Gray's New Standardized Oral Reading Check Tests.** By W. S. Gray.

Published: 1923. Purpose: to determine the nature of the pupil's difficulties in oral reading and to measure the development of oral reading ability. Range: grades 1-9. Time to give: approximately 2 minutes. Time to score: approximately ½ minute. Standardized: yes.

These tests are arranged in 4 grades of difficulty: Set I for pupils of grades 1 and 2; Set II for pupils of grades 2-4; Set III for pupils of grades 4-6; and Set IV for pupils of grades 7-9. In each set are 5 tests of equal difficulty. The test is administered individually.

Publisher: Public School Publishing Co.

Price: \$1.50 for package of 100 tests—20 of each of the 5 tests of a check test set; 20 individual record sheets are furnished with each pad and 4 direction sheets; specimen set, 50 cents.

**Gray's Silent Reading Test.** By W. S. Gray. Published: 1915. Purpose: to measure rate and comprehension in silent reading. Range: grades 2-8. Time to give: no time limit. Time to score: no information. Standardized: yes.

The tests are composed of 3 forms: Form B1a, for grades 2 and 3; Form B2a, for grades 4-6; Form B3a, for grades 7 and 8. The forms differ only in difficulty. Speed is determined by the time it takes the pupil to read the selection. Comprehension is determined by reproducing the story and by answering questions about it. The first page of the test sheet contains space for reproducing the story; the second page on the back of the sheet contains questions on the selection to be answered.

Publisher: Public School Publishing Co.

Price: 80 cents per 100 reproduction sheets; 2 cents per copy for selections; specimen set, 15 cents.

**Gray's Standardized Oral Reading Paragraphs.** By W. S. Gray. Published: 1915. Purpose: to measure rate and accuracy in oral reading. Range: grades 2-8. Time to give: no time limit. Time to score: short. Standardized: yes.

The test consists of 12 paragraphs arranged in the order of difficulty. The rate is determined by the number of seconds required to read the paragraphs. Accuracy is determined by the number of errors made while reading the paragraphs. The points considered in accuracy are: complete mispronunciation, omissions, substitutions, insertions, and repetitions.

Publisher: Public School Publishing Co.

Price: \$1 per 100; specimen set, 6 cents.

**Haggerty Reading Examination.** By M. E. Haggerty and others. Published: 1919, 1921. Purpose: to measure achievement and to aid in classifying pupils. Range: Sigma 1, grades 1-3; Sigma 3, grades 6-12. Time to give: no time limit. Time to score: short. Standardized: yes.

This examination is made up of 2 parts: Sigma 1, a reading test for grades 1-3; and Sigma 3, a test in vocabulary, sentence reading, and paragraph reading for grades 6-12. Forms A and B of Sigma 3 are available.

Publisher: World Book Co.

Price: Sigma 1, \$1.40 per package of 25 examination booklets, complete; Sigma 3, Form A or B, \$1.50 per package of 25 examination booklets, complete; key for Sigma 1, 5 cents; key for Sigma 3, 10 cents; manual of directions, 30 cents extra; specimen set, complete, 50 cents.

**Holmes Reading Test.** By H. W. Holmes. Published: no information. Purpose: to measure rate and quality in reading. Range: grades 2-12. Time to give: 30 minutes. Time to score: 3 or 4 minutes. Standardized: yes.

There are 2 separate reading tests: (a) "The Rich Man"; (b) "The Great King." In testing for rate the author emphasizes that

pupils read at their ordinary rate. The pupil is asked to read the story in the way in which he will enjoy it most and get the most out of it. Quality is determined by having the pupil reproduce the story. The author has listed 35 main ideas. The pupil is given 2 6/7 per cent for each idea reproduced.

Publisher: H. W. Holmes, Harvard University.

Price: 25 cents per copy, postpaid.

**Illinois Diagnostic Study Tests.** By Bureau of Educational Research, University of Illinois. Published: no information. Purpose: to test ability to comprehend and study paragraphs. Range: college. Time to give: 12 to 30 minutes, according to the test. Time to score: short. Standardized: no information.

This is a series of 5 tests. Test I is made up of 7 selections, each of which is to be read after a few questions on it have been read. The questions are then to be answered. Test II is made up of 6 selections, each of which is followed by questions to be answered from memory. Test III is made up of 10 selections on which conclusions are based. The facts necessary to the drawing of the conclusion are to be indicated. Test IV is made up of 7 selections in each of which the pupil is to pick out the central idea. Test V is made up of 5 selections, each followed by a number of ideas expressed in the selection. The pupil is to arrange these in proper outline form.

Publisher: Bureau of Educational Research, University of Illinois.

Price: no information.

**The Illinois Examination.** By W. S. Monroe and B. R. Buckingham. For description, see "Composite"

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Individual Attainment Scale for Clinical Use.** By J. E. Wallin and Margery Gilbert. For description, see "Composite."

**Iowa Comprehension Test, Series B-1, D-1, and D-2.** By C. E. Seashore and others. Published: 1923, 1924. Purpose: to measure ability to comprehend what is read in the fields of history, literature, and science, at college level. Range: college freshmen. Time to give: 36 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 3 selections, one on history, one on literature in the form of poetry, and one on science. Questions are asked on each selection and are to be answered by selecting sentences from the material by the number used to designate them.

Publisher: Extension Division, University of Iowa.

Price: \$1.75 per 100 of either series, complete, plus transportation; specimen set, 10 cents postpaid.

**Jones' Scale for Teaching and Testing Elementary Reading.** By R. G. Jones. Published: 1915. Purpose: to measure the vocabulary of children. Range: grades 1 and 2. Time to give: 4 minutes. Time to score: 2 minutes. Standardized: yes.

The scale is made up of 2 tests: (1) a sight test composed of 192 words, (2) a phonetic test composed of 118 words. The original purpose of the work was to organize vocabulary for teaching purposes. It has been found to be of greater value for testing. It is an individual test.

Publisher: R. G. Jones, 18178 Clifton Road, Lakewood, Ohio.

Price: \$2.50 net for manual and cards to test 100 pupils.

**Jones-Foss Natural Group Test in Reading.** By R. G. Jones and J. C. Foss. Published: 1922. Purpose: to measure speed and comprehension in silent reading. Range: grade 4. Time to give: 5 minutes. Time to score: no information. Standardized: yes.

This test is composed of 4 readings to be given in October, December, February, and April, respectively. Each of the readings is followed by 5 questions to test the pupil's comprehension of the reading. The test may be used for diagnostic purposes.

Publisher: The Dobson-Evans Co.

Price: 50 cents per package of 50 tests, complete.

**Kansas Silent Reading Tests.** By F. J. Kelly. Published: 1915. Purpose: to measure speed and comprehension in reading. Range: Test I, grades 3-5; Test II, grades 6-8; Test III, grades 9-12. Time to give: 5 minutes. Time to score: short. Standardized: yes.

The test is composed of 3 parts: Tests I, II, III. They are similarly constructed, varying only in difficulty. Each test is made up of 16 exercises; each is weighted and the value written in the margin. The pupil is asked to do something in each case which shows whether or not he understands the exercise.

Publisher: Kansas State Normal School.

Price: *out of print*.

**Lion and the Mouse Reading Test.** By L. J. Brueckner. Published: 1923. Purpose: for testing second-grade reading. Range: grade 2. Time to give: 4 minutes. Time to score: short. Standardized: yes.

This test is made up of 12 reading exercises on the story "The Lion and the Mouse." Each exercise is followed by 4 words. A question in regard to what has been read is to be answered by underlining one of these words. This test is also known as the Minneapolis Second Grade Reading Test.

Publisher: Minneapolis Board of Education and Educational Test Bureau, Minneapolis, Minn.

Price: 60 cents per package of 25, including class record and norm sheet.

**Lippincott-Chapman Classroom Products Survey Tests.** By J. C. Chapman. For description, see "Composite."

**Lippincott-Chapman Continuous Passage Reading Test.** By J. C. Chapman. For description, see Lippincott-Chapman Classroom Products Survey Tests.

**Los Angeles Elementary Reading Tests: Form I.** By Jessie E. Ingraham. Published: 1926. Purpose: to test a pupil's ability to get the idea which is conveyed by the material read. Range: grades 3-8. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This test consists of 49 questions to be answered. There are 3 or 4 questions for each paragraph of reading. The paragraphs are simple and easy for the child to understand. This test is available in four forms.

Publisher: Research Service Co.

Price: \$2 per 100 copies; specimen set, 10 cents.

**Los Angeles Primary Reading Test: Form I.** By Jessie E. Ingraham. Published: 1925. Purpose: to test a pupil's ability to listen, to read, and to think. Range: grades 1-3. Time to give: 10 minutes. Time to score: short. Standardized: yes.

This test is a 4-page silent reading group test used in the Los Angeles city schools. It consists of 24 statements and questions. The pupils are to follow the directions given and answer the questions asked.

Publisher: Research Service Co.

Price: \$1.50 per 100 copies; specimen set, 10 cents.

**Lowry Reading Tests.** By Ellsworth Lowry. Published: 1926. Purpose: to test pupils' ability to retain and reproduce a story. Range: 4 separate tests, one each for grades 1, 2, 3, and 4 and 5. Time to give: no time limit. Time to score: no information. Standardized: tentatively.

These tests measure the child's ability to understand and to retain the material read and to answer questions correctly on this material.

Publisher: Extension Department, State Normal School, Indiana, Pa.

Price: \$1.50 per package of 100.

**Merrill Scale for the Individual Measurement of Reading Ability.** By Maude A. Merrill. Published: 1919. Purpose: to measure reading speed and comprehension of children in special classes. Range: grades 1-6. Time to give: 1 minute. Time to score: short. Standardized: yes.

This test is given to pupils individually. Errors in pronunciation, omission or substitution of words, hesitation, etc., are recorded as well as speed in reading. Reference: *Journal of Educational Psychology*, October, 1919.

Publisher: not available for general distribution.

**Minneapolis Primary Reading Test.** By L. J. Brueckner. Published: 1923. Purpose: to test the pupils' understanding of words and

meaning of sentences. Range: grade 1. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This test is made up of 16 parts. A box incloses each part. The pupil must place his finger on the box that the teacher indicates and answer the question pertaining to that part. This test includes an understanding of words, phrases, and sentences. Forms A and B are available.

Publisher: Minneapolis Board of Education and Educational Test Bureau, Minneapolis, Minn.

Price: \$2 per 100 copies; specimen set, 10 cents.

**Minnesota Reading Scale, Beta.** By Bureau of Coöperative Research, University of Minnesota. *Out of print.*

**Monroe's Standardized Silent Reading Tests.** By W. S. Monroe. Published: 1918; revised, 1920. Purpose: to measure rate and comprehension in reading. Range: Test I, grades 3-5; Test II, grades 6-8; Test III, grades 9-12. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This is a series of 3 tests. The tests are made up of a series of paragraphs arranged in increasing order of difficulty, on which questions are asked. Both rate and comprehension are scored. The tests were revised primarily for use in the Illinois Examination; however, they may be used as separate tests. Three equivalent forms are available.

Publisher: Public School Publishing Co.

Price: Tests I and II, 80 cents per 100; Test III, \$1 per 100.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**O'Rourke's Silent Reading Test.** By L. J. O'Rourke. For description, see "O'Rourke Series of Aids in Placement and Guidance" under "Vocational."

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Philadelphia Silent Reading Test.** By Philadelphia Public Schools. Published: 1926. Purpose: to measure ability to comprehend paragraphs. Range: grade 2A. Time to give: 12 minutes. Time to score: 1 minute. Standardized: locally.

This test is made up of a short story on which questions are asked from time to time. Forms A and B are available.

Publisher: Board of Education, Philadelphia Public Schools, Philadelphia, Pa.

Price: 75 cents per 50 copies.

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolf Pintner. For description, see "Composite."

**Pressey Diagnostic Reading Scales.** By L. C. Pressey, S. H. Waug, and H. S. Cheu. Published: 1925. Purpose: to test speed and com-

prehension in reading paragraphs. Range: grades 3-6. Time to give: 12 minutes. Time to score: short. Standardized: yes.

This is a combination of 3 tests. Test 1 is a list of 25 words, each one being followed by 5 other words. One of these words means nearly the same as the given word. The children find this word and draw a line around it. Test 2 is a series of 25 sentences, each of which contains one word that is not necessary. This word is to be found and a line drawn around it. Test 3 is a series of 7 stories or paragraphs to be read. After each paragraph are 4 questions to be answered from the information gained from that paragraph.

Publisher: Public School Publishing Co.

Price: 80 cents per package of 100 copies; specimen set, 10 cents.

**Pressey First-Grade Reading: Attainment Scale Series.** By L. W. Pressey and Viola Grant. Published: 1922. Purpose: to measure ability to recognize words and sentences. Range: grade 1. Time to give: about 10 minutes. Time to score: 30 seconds. Standardized: yes.

The test has 2 parts. On one side of the test sheet are 25 lists each of 5 words. One of these words in each line is named by the examiner, and the children are told to find this word, and draw a line around it. On the other side of the blank are 15 lines, each of 4 short sentences. The examiner reads 1 of the sentences, in each line, and tells the children to find this sentence, and draw a line around it.

Publisher: Public School Publishing Co.

Price: 75 cents per 100.

**Pressey First-Grade Reading Vocabulary Test.** By L. W. Pressey. For description, see "Vocabulary."

**Pressey Reading Vocabulary Test for the Second, Third, and Fourth Grades.** By L. W. Pressey. For description, see "Vocabulary."

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetical Reasoning, and English Grammar).** By S. L. Pressey. For description, see "Composite."

**Pressey Second-Grade Attainment Scale in Spelling, Reading, and Arithmetic.** By L. W. Pressey. For description, see "Composite."

**Pressey Speed of Silent Reading.** By L. W. Pressey. Published: 1921. Purpose: to measure speed in silent reading. Range: grades 2-4. Time to give: 3 minutes. Time to score: 30 seconds. Standardized: yes.

The speed test in silent reading is composed of 34 sentences, each containing 1 extra word. The pupils are to find the extra word and draw a line around it. The test is intended to reveal the extent to which the pupil has gained freedom from oral reading habits and speed in silent reading. Two equivalent forms are available.

Publisher: Department of Psychology, Indiana University.

Price: 50 cents per 100, each form.



**Pressey Third-Grade Attainment Scale (Spelling, Arithmetic, and Reading).** By L. W. Pressey. For description, see "Composite."

**Price's Practical Oral Reading Test.** By E. D. Price. Published: 1918. Purpose: to measure pupils' ability in oral reading. Range: grades 2-8. Time to give: 1 minute. Time to score: 10 seconds. Standardized: yes.

Each test consists of 2 selections to be read orally. The first test is to be given in September and the second in May. "Mistakes to be counted are: (1) words miscalled, (2) words put in, (3) words left out, (4) transposed words." *One set of material is needed for each examiner.*

Publisher: E. D. Price, Superintendent of Schools, Enid, Okla.  
Price: 75 cents for full set.

**Ram and Bear Reading Test.** By Ruth M. Rustad. Published: 1924. Purpose: for testing second-grade reading. Range: grade 2. Time to give: 4 minutes. Time to score: short. Standardized: yes.

This test is made up of 12 reading exercises on the story "The Ram and Bear." Each exercise is followed by 4 words. A question in regard to what has just been read is to be answered by underlining one of these words. This test is also known as the Minneapolis Second Grade Reading Test.

Publisher: Minneapolis Board of Education, and Educational Test Bureau, Minneapolis, Minn.

Price: 60 cents per package of 25, including class record and norm sheet.

**Reading Test: University of Missouri.** By Max F. Meyer. Published: no information. Purpose: to measure reading ability of college freshmen. Range: college freshmen. Time to give: 35 minutes. Time to score: 2 minutes. Standardized: yes.

The test is made up of several selections which are difficult to comprehend and cover very different matter. Questions are asked on each selection, the questions being of true-false, multiple-response, or completion types.

Publisher: not published for general distribution.

**Regents' Preliminary Silent Reading Test.** By W. W. Cox. Published: 1922. Purpose: to measure silent reading ability. Range: grade 8. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This test is made up of 5 selections to be read, each followed by a number of questions on its content. The selections are arranged in order of difficulty. Three equivalent forms are available.

Publisher: University of the State of New York Press.

Price: not available for general distribution.

**Sackett's Reading Test.** By L. W. Sackett. No information available.

**Sangren-Woody Reading Tests.** By Paul V. Sangren and Clifford Woody. Published: 1926. Purpose: to measure separately 7 different phases

of pupils' silent reading ability. Range: grades 4-8. Time to give: 35 minutes. Time to score: 2 minutes. Standardized: yes.

This test is composed of 7 sub-tests. Test I is a completion test, testing word meaning. Test II is a story of Pygmies to be read silently. The rate of reading is tested each minute by drawing a ring around the word the pupil is reading when the tester says "Mark." Test III is a test of fact material. Test IV tests a pupil's ability to follow directions. Test V is a list of 12 exercises in which the pupil must get the total meaning. Test VI consists of 10 short paragraphs followed by 4 questions, to test a pupil's ability to get the central thought. Test VII tests organization of material read, in 3 stories. These stories are followed by 4 statements which are to be numbered from memory in the order in which they occurred in the story. Forms I and II are available.

Publisher: Bureau of Educational Measurements and Research, Western State Normal.

Price: \$1.25 per package of 25; specimen set, sent on request.

**Seattle First-Grade Reading Test.** By Margaret Burr. Published: 1927.

Purpose: to test pupils' reading ability at end of semester. Range: grade 1. Time to give: about 25 minutes. Time to score: about 4 minutes. Standardized: partially.

This test is a 4-page leaflet made up of 4 reading tests. Test 1 is a vocabulary test; Test 2 is a multiple-response test in the completion of simple sentences; Test 3 consists of paragraphs describing one of three objects named, the object described to be crossed out; and Test 4 is a yes-and-no type test.

Publisher: Margaret Burr, Seattle Public Schools, Seattle, Wash.

Price: \$1.25 per 100 copies.

**Smith Silent Reading Paragraphs for High Schools.** By Bertha M. Smith. Information not available.

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and Lewis M. Terman. The reading examination can be ordered separately. For description, see "Composite."

Publisher: World Book Co.

Price: \$1.10 per package of 25 booklets.

**Starch's Measurement of Efficiency in Reading.** By Daniel Starch. Published: 1915. Purpose: to measure speed and comprehension in reading. Range: grades 1-2. Time to give: 30 seconds for speed; 5 minutes for comprehension. Time to score: no information. Standardized: no information.

The tests consist of selections for each grade from 1 to 8 inclusive. "Thus, Selection 1 was chosen from a typical first reader, Selection 2 from a second reader, etc." Speed is determined by the number of words read per second. Comprehension is determined by the pupil's ability to reproduce what has been read.

Publisher: University Coöperative Co.

Price: no information.

**Starch's Reading Tests.** By Daniel Starch. Published: 1914. Purpose: to measure speed and comprehension in silent reading. Range: grades 2 thru college. Time to give: about 5 minutes. Time to score: 2 to 5 minutes. Standardized: yes.

The tests are composed of selections for each grade. The number at the top of the page corresponds with the grade in which it is to be used. Two tests should be given each pupil. The first day the pupils should be tested with the selection for their own grade; the second day the test should be repeated with the selection for the grade next below that of pupils. Speed is determined by counting the number of words read in 30 seconds. Comprehension is determined by reproducing the story.

Publisher: University Cooperative Co.

Price: 40 cents per 100; directions, 2 cents each.

**Stevenson Problem Analysis Test.** By P. R. Stevenson. For description, see "Arithmetic."

**The Stone Series of Narrative Reading Tests.** By C. R. Stone and others. Published: 1922. Purpose: to measure rate and comprehension in narrative reading. Range: grades 3-9. Time to give: 30 to 40 minutes. Time to score: short. Standardized: yes.

This series is composed of 3 separate tests, one for grades 3 to 4; one for 5 and 6; and one for 7-9. The first contains 2 selections with 10 questions on the first and 20 questions on the second. To determine rate, numbers are exhibited every 5 seconds during the test. The pupil is to write the number on a record sheet that is exhibited at the time he finishes reading the selection. Comprehension is determined by multiple-response answers given to the questions concerning the selections. The second test differs from the first only in the 2 selections presented for reading. The third test consists of 1 selection, and is otherwise similar to test 1. The same test may be used for more than 1 class.

Publisher: Public School Publishing Co.

Price: 10 cents per copy or \$7 per 100; specimen set, 40 cents complete; single set of time cards for 1 test, 75 cents; individual record sheets, 60 cents per 100; class record chart, 1 cent.

**Thorndike-McCall Reading Scale.** By E. L. Thorndike and W. A. McCall. Published: 1920. Purpose: to measure rate and comprehension. Range: grades 2-12. Time to give: 20 to 30 minutes. Time to score: 4 to 5 minutes. Standardized: yes.

The scale is made up of 10 or 11 paragraphs, or stanzas, arranged in order of increasing difficulty. Each paragraph is followed by a series of questions to be answered by the pupil after reading the paragraph. There are 10 forms of the scale which are equivalent and may be used interchangeably. Since the scale may be used each month, it is a teach-

ing device as well as a measuring scale. "The scale is standardized both by age and grade and permits computation of the 'Reading Quotient.'"

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$2 per 100 each form; directions and record sheets are supplied with each order. Also published by the Public School Publishing Co., price, \$3 per 100; specimen set, 30 cents.

**Thorndike's Reading Scale, Alpha 2: Silent Reading.** By E. L. Thorndike. Published: 1920. Purpose: to measure pupils' understanding of sentences. Range: grades 3-12. Time to give: 40 minutes. Time to score: short. Standardized: yes.

The scale is printed in 2 parts consisting of 4 paragraphs each arranged in order of difficulty. Questions are asked over the content of the paragraphs. Part I is for grades 3-5 and Part II for grades 6 thru high school. The 2 parts have been combined in the form of a single booklet and constitute the tenth form of the Thorndike-McCall Reading Scale. See Thorndike-McCall Reading Scale.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: *out of print.*

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**University of Porto Rico General Ability Test.** By F. C. Walters. For description, see "Composite."

**University of Porto Rico General Ability Test for High-School Graduates.** By F. C. Walters and Malvina L. Monefeldt. For description, see "Composite."

**Van Wagenen Reading Scales.** By M. J. Van Wagenen. Published: 1922. Purpose: to measure pupils' ability to read and comprehend English literature, history, or general science. Range: grades 7-12. Time to give: about 50 minutes. Time to score: 1 minute. Standardized: yes.

There are 3 separate scales, one dealing with English literature, one with history, and one with general science. Each scale is made up of 15 paragraphs, arranged in 3 groups. Below each paragraph from 4 to 6 statements are made. The pupil is to put a check mark "in front of each statement which contains an idea that is in the paragraph or that can be derived from it."

Publisher: Public School Publishing Co.

Price: \$3 per 100, each series.

**Watkins' Silent Reading Tests for Beginners.** By Emma Watkins. Published: 1925. Purpose: to measure pupils' comprehension ability in reading and to diagnose weaknesses. Range: grade 1. Time to give: no time limit. Time to score: short. Standardized: no.

This is a series of 24 tests covering the following general subjects: color, form, number, parts of body, science, conduct, nature study, food, and good manners. This may be used as a teaching device if one so desires.

Publisher: J. B. Lippincott Co.

Price: \$2 per package containing 25 of each test, and manual of directions; specimen set, 20 cents.

**Whipple's High-School and College Reading Test.** By Guy M. Whipple.

Published: 1926. Purpose: to test pupils' speed and comprehension of subject-matter read. Range: high school and college. Time to give: 10 minutes. Time to score: short. Standardized: yes.

This test is published in 2 forms. Form A deals with "The League of Nations Assembly" and Form B with "Exclusion or Quota for Japanese?" Each form is made up of a series of paragraphs on the subject, each of which requires continuous and relatively long attention. Numerous questions or directions are inserted in the material.

Publisher: Public School Publishing Co.

Price: \$3 per package of 100 copies; specimen set, 15 cents.

**Williams' Primary Reading Test.** By Allan J. Williams. Published:

1926. Purpose: to measure ability to get the thought of the printed page. Range: grades 1-3. Time to give: 20 minutes. Time to score: short. Standardized: yes.

The first 12 items in the test "are directions regarding pictures of animals common to all first grade pupils. Pictures of these animals appear in most primers and first readers. The remainder of the test consists of paragraphs describing situations which are common to most first and second grade readers, except the last paragraphs, which are made purposely more difficult."

Publisher: Public School Publishing Co.

Price: no information.

**The Wisconsin Supervisory Tests in Reading.** By H. W. Kircher. Pub-

lished: 1922. Purpose: to test pupils' speed and comprehension in reading. Range: grades 1 and 2. Time to give: from 2 to 5 minutes. Time to score: short. Standardized: yes.

Test I is to be used in grade 1 at the end of the first quarter; Test II is to be used in grade 1 at the middle of the year; Test III, of which 3 forms are available, is to be used as a basis for promotion from the first grade; Test IV for the first grade at the end of the year; and Test V for the middle of the second grade. This test may be used either as a vocabulary test or as a speed test.

Publisher: Eau Claire Book and Stationery Co.

Price: 5 cents per copy.

**Witham's Silent Reading Tests.** By E. C. Witham. Published: 1921.

Purpose: to measure pupils' ability in silent reading. Range: grades 4-12. Time to give: 20 to 30 minutes. Time to score:  $\frac{1}{2}$  minute. Standardized: yes.

The tests are composed of 2 separate tests similar in construction and arrangement. No. I deals with mechanical content and No. II with literary content. Each test consists of 15 short stories with sentences out of proper order. The pupil is to read the sentences thru so as to get some idea of the story, and decide the correct order of the sentences.

Publisher: J. L. Hammett Co.

Price: \$1 per set of 50, complete.

**Woody Silent Reading Test.** By Clifford Woody. Published: 1922. Purpose: to measure ability to get the central thought in silent reading of paragraphs. Range: grades 4-12. Time to give: 10 minutes. Time to score: 1 minute. Standardized: yes.

The test is composed of 2 forms of equal difficulty and similar in construction and arrangement. Each form contains 9 paragraphs. After each paragraph, 5 statements are written. The pupil is to indicate the one he thinks best expresses the central thought in the paragraph.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 10 cents each.

## VOCABULARY

**Armstrong-Danielson Sentence Vocabulary Test.** By Caroline Armstrong and Cora Lee Danielson. Published: 1926. Purpose: to measure pupils' ability to recognize word meanings. Range: grades 3-9. Time to give: 15 minutes. Time to score: short. Standardized: yes.

This test is made up of 60 sentences with 1 word underscored, each followed by 4 other words. Pupils are to choose and underscore 1 word which has almost the same meaning as the given word in each sentence. This test was originally devised for use in the Los Angeles City Schools. Forms I and II are available.

Publisher: Research Service Co.

Price: \$1.50 per package of 100, Form I or II; specimen set, 10 cents.

**Carr's English Vocabulary Test.** By W. L. Carr. Published: 1921. Purpose: to test pupils' vocabulary. Range: grades 7-12. Time to give: 20 minutes. Time to score: 1 minute. Standardized: partially.

The test consists of 50 sentences having 1 word in each sentence in italics. In the even-numbered sentences, the italicized words are of Latin derivation, and in the odd-numbered sentences they are of non-Latin origin. After each sentence are 5 words or phrases, 1 of which is supposed to explain the meaning of the italicized word. The pupil is to underline that word or phrase. This was developed for use in the American Classical League investigation. Forms A, B, C, and D are available.

Publisher: American Classical League.

Price: 2 cents each.

**Detroit Word Recognition Test.** By Eliza Oglesby. Published: 1924. Purpose: to measure pupils' ability to recognize words. Range: grades 1 and 2. Time to give: 4 minutes. Time to score: 40 to 70 seconds. Standardized: yes.

The test is composed of 40 exercises, made up of words or phrases, and pictures arranged in parallel columns. Each word or phrase is illustrated by a picture which is on the same page but not opposite the corresponding word or phrase. The pupil is to indicate the picture that corresponds to the word or phrase. Forms A and B are available.

Publisher: World Book Co.

Price: 90 cents per package of 25 examination booklets, complete, Form A or Form B; specimen set, 15 cents postpaid.

**Haggerty Scales for Reading Vocabulary of Primary Children.** By M. E. Haggerty. Published: 1916. Purpose: to measure reading vocabulary of primary children. Range: grades 1-3. Time to give: no information. Time to score: no information. Standardized: no information.

The scales are composed of the Phonetic Scale D and the Sight Scale D. The Phonetic Scale consists of 118 words and the Sight Scale consists of 236 words. The phonetic words are arranged in a series of 9 steps, and the sight words in 12 steps. "Sub-scales," much shorter than the regular scales, have been made for use where time is limited. They are made up of "Scale DD, Phonetic" and "Scale DD, Sight."

Publisher: M. E. Haggerty, University of Minnesota.

Price: *out of print*.

**Haggerty's Visual Vocabulary Tests.** By M. E. Haggerty. Published: no information. Purpose: to measure the extent to which the children have acquired control of words. Range: Part I, grades 1 and 2; Part II, grades 3-8. Time to give: no information. Time to score: no information. Standardized: yes.

The tests are divided into 2 parts. Part I consists of 30 sight words and 25 phonic words arranged in lines. Each pupil is to be tested individually. Part II is composed of 2 series of words called "Scale R<sub>1</sub>" for grades 3 and 4, and "Scale R<sub>2</sub>" for grades 5-8. Each series is composed of a graded series of words increasing from simple words that are familiar to almost any child to very difficult words which children seldom meet. Forms A and B are available.

Publisher: M. E. Haggerty, University of Minnesota.

Price: *out of print*.

**Holley Sentence Vocabulary Scale.** By Charles E. Holley. Published: 1919. Purpose: to measure pupils' vocabulary. Range: grades 3-12. Time to give: no time limit. Time to score: short. Standardized: yes.

The scale is composed of 2 series, 3A and 3B. Series A is for grades 3-8 and is composed of 70 multiple-response completion statements. Series B is for grades 7-12 and is composed of the same

number of statements as Series A. It is similarly constructed and administered.

Publisher: Public School Publishing Co.

Price: 80 cents per 100, each series; specimen set, 6 cents.

**Horn Basic Writing Vocabulary.** By Ernest Horn. Published: 1920.

Purpose: to test writing vocabulary. Range: elementary and secondary school. Time to give: no time limit. Time to score: no information. Standardized: no information.

This is a book containing "an alphabetical list of the 10,000 most frequently used words in writing (letters) determined from a count of over five million words. Frequency values in the Thorndike notation are given."

Publisher: University of Iowa.

Price: no information.

**The Inglis Test of English Vocabulary.** By Alexander Inglis. Published: 1923. Purpose: to measure knowledge of an "intelligent general reader's vocabulary." Range: grades 9 thru college. Time to give: no time limit. Time to score 3 minutes. Standardized: yes.

This is a test in word-meaning. The test is a 4-page folder containing 150 sentences or phrases. The test is of the multiple-response type dealing with the meanings of certain designated words in these sentences or phrases. Forms A and B are available. Reference: *The English Leaflet*, October, 1923.

Publisher: Ginn and Co.

Price: 72 cents per set of 30 tests, either form, complete.

**Kennon Test of Literary Vocabulary.** By Laura H. V. Kennon. Published: 1925. Purpose: to measure literary vocabulary. Range: teachers of English and undergraduate and graduate students of colleges and universities. Time to give: no information. Time to score: no information. Standardized: yes.

This test is of the multiple-response type. It consists of 100 words from various periods of English literature, arranged in order of difficulty. Forms A and B are available. Reference: *Tests of Literary Vocabulary for Teachers of English*, by Laura H. V. Kennon, published by the Bureau of Publications, Teachers College, Columbia University.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$6 per 100, each form.

**Kirkpatrick-Whipple Vocabulary Test.** By F. A. Kirkpatrick and G. M. Whipple. Published: no information. Purpose: to measure size of vocabulary. Range: college. Time to give: marking of words, no time limit; definitions, 20 minutes. Time to score: no information. Standardized: yes.

This test is made up of 100 words selected from Webster's Abridged Dictionary. The pupils are to mark the words they can define or



explain or with which they are familiar or unfamiliar. They are later to justify their marking by defining 40 of the words.

Publisher: C. H. Stoelting Co.

Price: \$1.50 per 100; specimen set, 15 cents.

**Los Angeles Primary Word Recognition Test: Form I.** By Los Angeles Public Schools. Published: 1926 Purpose: to test primary children's ability to recognize printed words from visual stimuli and from auditory stimuli. Range: grades 1 and 2. Time to give: 5 minutes. Time to score: no information. Standardized: yes.

This is a group test in word recognition for primary children. It is somewhat diagnostic and indicates ability to recognize printed words from pictures and from pronounced words.

Publisher: Research Service Co.

Price: \$1.50 per package of 100; specimen set, 10 cents.

**Minnesota Visual Vocabulary Test.** By M. E. Haggerty. No information available. *Out of print.*

**Neher's High School Vocabulary Scale.** By H. S. Neher. No information available.

**O'Rourke's Vocabulary Test.** By L. J. O'Rourke. For description, see "O'Rourke Series of Aids in Placement and Guidance" under "Vocational."

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolf Pintner. For description, see "Composite."

**Plymouth Educational Tests, No. 121A, Analogies.** By James E. McDade. Published: no information. Purpose: to measure vocabulary. Range: grades 5-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents 32 combinations of analogies. The pupil is asked to fill in the fourth word to make the analogy correct. If the Regular edition is used, which is printed on manila folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 41A, Antonyms.** By James E. McDade. Published: no information. Purpose: to measure recognition of antonyms. Range: grades 4-8. Time to give: no information. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents 32 words, with multiple-response selection of antonyms for the given words. If the

Regular edition is used, which is printed on manilla folders, the tests may be used again, by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 42A, Synonyms.** By James E. McDade.

Published: no information. Purpose: to measure recognition of synonyms. Range: grades 4-8. Time to give: no information. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents 32 words, with multiple-response of synonyms for the given words. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Pressey First-Grade Reading Vocabulary Test.** By L. W. Pressey. Published: 1921. Purpose: to measure vocabulary. Range: grade 1. Time to give: 5 minutes. Time to score: 15 seconds. Standardized: yes.

"The test consists of 27 lists, each list containing 1 word. The pupil is directed to draw a line around the 1 real word. The children should be aided to work out several of them to familiarize them with what they are to do."

Publisher: Department of Psychology, Indiana University.

Price: 90 cents per 100.

**Pressey Reading Vocabulary Test for the Second, Third, and Fourth Grades.** By L. W. Pressey. Published: 1921 Purpose: to measure the reading vocabulary of pupils in grades 2-4. Range: grades 2-4. Time to give: 12 minutes. Time to score: 35 seconds. Standardized: yes.

The test is made up of 36 exercises of the multiple-response type.

Publisher: Department of Psychology, Indiana University.

Price: 50 cents per 100, including directions.

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetical Reasoning, and English Grammar).** By S. L. Pressey. For description, see "Composite."

**Pressey Technical Vocabularies of the Public School Subjects.** By Luella Cole Pressey. Published: no information. Purpose: to diagnose specific weaknesses of a class or an individual student. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

These vocabulary lists are catalogs of the important concepts in each subject. So the lists may be used as diagnostic tests in determining the specific weaknesses of a class or an individual student. That is, if

the teacher will find out the terms which a student does not know, she will have an indication of the topics on which that student needs help.

Publisher: Public School Publishing Co.

Price: specimen set of any 1 section, 5 cents each (indicate section desired); specimen set of all sections (15 sections), 75 cents.

**Southington-Plymouth English Vocabulary Tests.** By E. C. Witham.

Published: 1921. Purpose: to measure pupil's vocabulary. Range: grades 5-12. Time to give: 20 minutes. Time to score:  $\frac{1}{2}$  minute. Standardized: yes.

The test is composed of 100 words selected from the Ayres Measuring Scale for Ability in Spelling and from the Thorndike Reading Scale A-2, Word Knowledge or Visual Vocabulary. Ninety words were selected from the Ayres' scale and 10 from the Thorndike scale. The test is in 2 separate parts, 1 and 2, each part including 50 words. On the opposite page from each list of 50 words are definitions. The pupils are directed to write the number corresponding to each word before the definition of that word. Especially suitable for junior and senior high schools. This test is also called "Witham's English Vocabulary Tests."

Publisher: J. L. Hammett Co.

Price: \$1 per set of 50, complete; specimen set, 25 cents.

**Starch's English Vocabulary Test.** By Daniel Starch. Published: 1915.

Purpose: to measure range of reading vocabulary. Range: grade 4 thru college. Time to give: about 15 minutes. Time to score: 2 or 3 minutes. Standardized: yes.

The test consists of 2 lists of words of 100 words each. The pupils are allowed as much time as they need. A check mark is placed after each word the pupil is sure he can use correctly. Words with which the pupils are familiar but are not sure of the meaning are checked. The teacher may select such of the words that are checked as she thinks necessary and have the pupil give the meaning.

Publisher: University Coöperative Co.

Price: 80 cents per 100; direction sheet for examiner, 2 cents per copy.

**Stormzand Vocabulary Test for Pupils Entering the First Grade.** By M. J. Stormzand. Reference: Glendale (California) Course of Study. Information not available.

**Terman-Childs Vocabulary Test.** By L. M. Terman and H. G. Childs; modified by G. M. Whipple. Published: 1912. Purpose: to measure size of vocabulary. Range: elementary thru college. Time to give: approximately 30 minutes. Time to score: short. Standardized: yes.

This test is similar to the vocabulary test by Kirkpatrick but the words are chosen from the 1904 edition of Laird and Lee's Vest-Pocket Webster Dictionary, a smaller dictionary, the last word on every sixth

page being used to make up the test. Reference: *Journal of Educational Psychology*, February-May, 1912.

Publisher: C. H. Stoelting Co.

Price: \$1.50 per 100; specimen set, 15 cents.

**Thorndike's Test of Word Knowledge.** By E. L. Thorndike. Published: 1921. Purpose: to measure word knowledge. Range: grades 4-9. Time to give: 20 minutes. Time to score: short. Standardized: yes.

The test is composed of 100 exercises. Each exercise contains several words. The first word in the exercise is the key word. The pupils are to find the other words in the exercise that mean the same or nearly the same as the key word. Forms A, B, C, and D are available.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$1.50 per 100.

**Thorndike's Visual Vocabulary Scale.** By E. L. Thorndike. Published: 1916; revised, 1920. Purpose: to measure pupils' word knowledge. Range: grades 3-10. Time to give: 30 minutes. Time to score: short. Standardized: yes.

The scale is made up of Series A and B and composed of 4 scales: A2, Series X; and A2, Series Y; B, Series X; and B, Series Y. Each scale is similarly constructed and administered. "Each scale consists of a graded series of words which the pupil is to classify according to certain specified groups, such as an animal, a flower, a name, a word about war or fighting."

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: *out of print*.

**Whipple Range of Information Test.** By G. M. Whipple. Published: no information. Purpose: to test pupils' range of information. Range: adult. Time to give: no time limit. Time to score: no information. Standardized: no information.

This test is an extension of Kirkpatrick's Vocabulary Test. It consists of 100 words, each of which represents some specific field of knowledge or activity. The pupil is to indicate which words he can define, which he can explain, which he is familiar with, and which he is not familiar with. He is then asked to define or explain 10 of the words he has indicated as being known by him. Reference: Whipple's *Manual of Mental and Physical Tests*, Part II, published by Warwick and York, 1921.

Publisher: C. H. Stoelting Co.

Price: \$1.50 per 100 tests.

**The Wisconsin Supervisory Tests in Reading.** By H. W. Kircher. For description, see "Reading."

**Witham's English Vocabulary Tests.** By E. C. Witham. Published: 1921. For description, see "Southington-Plymouth English Vocabulary Tests."

## SOCIAL STUDIES

## SOCIAL SCIENCE

**Denver Curriculum Tests in Social Science.** By Denver Public Schools. Published: 1927. Purpose: to measure achievement in social science. Range: grades 7-9. Time to give: 30 minutes. Time to score: 1 minute. Standardized: locally.

Separate tests are devised for each semester of grades 7-9. Each test is made up of 5 or 6 tests of the multiple-response, completion, matching, or true-false types covering general information in social science.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Detroit Examination in Social Science.** By Detroit Public Schools. Published: no information. Purpose: to test pupils in social science. Range: intermediate grades. Time to give: 20 minutes. Time to score: short. Standardized: no information.

This test in social science is made up of Test VI, Europe, and Test VII, United States. Each test is made up of 50 exercises of the multiple-response type.

Publisher: Detroit Public School, Detroit, Mich.

Price: no information.

**Kepner Background Test in Social Science.** By Tyler Kepner. Published: 1924. Purpose: to measure factual background for social science study. Range: grades 9-12. Time to give: 40 to 45 minutes. Time to score: 4 minutes. Standardized: no.

The test is made up of 7 exercises concerning world history. Exercise I tests association of men and events, and events and men; II, literary background; III, geographic concepts; IV, historical words and terms commonly used; V, civic, social, and economic terms; and VI and VII, dates and chronology. The test is designed to find out the extent of factual background which pupils bring to any one of the social science subjects in the secondary school. Forms A and B are available.

Publisher: Harvard University Press.

Price: \$1.25 per lot of 25, complete; specimen set, 25 cents.

## GEOGRAPHY

**Boston Geography Test: United States and Europe.** By Leonard O. Packard. Published: 1915. Purpose: to measure ability in geography. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

There are 2 separate tests: The United States and Europe. The test on the United States consists of an outline map and 10 questions. The questions are made up of causal and location questions. The Europe test is similar to the one on the United States.

Publisher: not available for general distribution.

**Boston Research Test in Geography.** By Arthur W. Kallom. Published: 1922. Purpose: to measure ability in geography. Range: grade 8. Time to give: 20 minutes. Time to score: no information. Standardized: no.

The test is composed of 40 true-false sentences dealing with general history.

Publisher: Boston Public Schools, Boston, Mass.

Price: not available for general distribution.

**Boston Research Tests in Geography.** By Harriett M. Barthelmess. Published: 1919. Purpose: to measure ability in geography. Range: grades 4-8. Time to give: no information. Time to score: no information. Standardized: no information.

The test is made up of 10 exercises. The test was given as an examination in Boston in 1919. It is not different from other ordinary examinations.

Publisher: Department of Education, Investigation, and Measurement, Public Schools, Boston, Mass.

Price: not available for general distribution.

**Branom's Diagnostic Tests in Geography.** By M. E. Branom. Published: 1926. Purpose: to test a pupil's knowledge of the geography of places, facts about places, and problems in geography. Range: grades 5-8. Time to give: 10 minutes for each sheet. Time to score: 1 minute. Standardized: yes.

These tests are made up of groups of tests of 3 types: place tests, factual tests, and problem tests. Separate sets of tests are provided for the United States, North America exclusive of the United States, each of the 6 continents, and the world. More than one form is available.

Publisher: McKnight and McKnight.

Price: 1 cent a sheet, 80 cents per 100; specimen set, 20 cents.

**Buckingham-Stevenson Information-Problems Test in Geography.** By B. R. Buckingham, P. R. Stevenson, Douglas C. Ridgley, and Julia M. Shipman. Published: 1923. Purpose: to test pupils' knowledge and reasoning power in geography. Range: grades 5-9. Time to give: 6 to 8 minutes for each test. Time to score: short. Standardized: no information.

This test includes 4 separate tests, one each on the geography of the United States, South America, Europe, and Asia. Each test is composed of 2 parts. Part I, Information, is composed of 25 questions which measure the pupil's knowledge of important geographical facts. Part II, Problems, is made up of 50 questions which measure the pupil's ability to apply geographical principles to concrete situations. Three forms of the United States Test and two of each of the others are available.

Publisher: Public School Publishing Co.

Price: \$2 per 100 copies, for each test, complete; specimen set, 15 cents.

**Buckingham-Stevenson Place Geography Tests.** By B. R. Buckingham and P. R. Stevenson. Published: 1926 Purpose: to measure pupils' ability to locate places. Range: grades 5-8 Time to give: no time limit. Time to score: short. Standardized: tentatively.

The tests are made up of 2 parts. Part I is composed of 80 questions dealing with the geography of the world, and Part II is composed of 65 questions dealing with the geography of the United States. Both tests deal with the location of rivers, cities, states, countries, oceans, and continents. *One copy* is needed for *each examiner or teacher*. Forms 1, 2, and 3 are available.

Publisher: Public School Publishing Co.

Price: 20 cents per booklet (3 forms each of World and United States) with 6 class record sheets; ordered in quantity, 12 cents each; without record sheets, single copies 15 cents; extra class record sheets, 1 cent each.

**Buckingham-Stevenson United States Geography Information and Problems Test.** By B. R. Buckingham and P. R. Stevenson. Published: 1923. Purpose: to measure information in geography. Range: grades 6-9 Time to give: 14 minutes Time to score: short. Standardized: yes.

This test deals with the geography of the United States and is divided into 2 parts. Part I is made up of 50 best-answer type questions concerning informational facts and Part II is made up of 25 multiple-response type problem questions.

Publisher: Public School Publishing Co.

Price: \$2 per 100 copies

**Courtis Standard Supervisory Test in Geography.** By S. A. Courtis. Published: 1918 Purpose: to measure pupils' ability in location tests. Range: Test A, grades 5B-6A; Test B, grades 4A-7A. Time to give: states, 4 minutes; cities, 2 minutes, oceans and continents, 1 minute. Time to score: short. Standardized: yes.

There are 2 location tests. The first part of the test consists in locating the 48 states. The test contains an outline map of all the states of the United States with a key number in each state. The names of the states are written in column form with a blank beside each in which to write the key number of the state. The second part consists in locating cities and is similar to Part I in arrangement.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: complete sets (2 forms), \$1.50 per package, containing test material for 40; renewals (2 forms), \$1 for package containing test material for 40.

**Cram Geography Test.** By Fred D. Cram. Not available for general distribution.

**Detroit Standard Tests in Geography.** By Detroit Public Schools. Published: 1918, 1922. Purpose: to measure pupils' ability to locate

places of importance. Range: grades 4-9. Time to give: 1 to 4 minutes. Time to score: short. Standardized: no information.

This is a series of 5 location tests in geography. Test I, Form E, is a test in the location of continents and oceans; Test II, Forms G and H, location of states and cities in United States; Test III, Form K, location of important countries of the world, Test IV, Form B, location of countries and cities in Europe; Test V, location of countries and cities of the Western Hemisphere.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information

**Forney Test in Map-Reading Abilities.** By Earl B. Forney. Published 1926. Purpose to determine the abilities of pupils to read and interpret maps. Range. grades 6-8 Time to give. no time limit Time to score: short. Standardized: tentatively

This test is made up of a map of a country and is in the form of a multiple-response, single-choice test measuring the pupils' ability to interpret the legend, the scale of miles, the colors, the marginal signs, and various other symbols found on maps. The test is diagnostic of the pupil's abilities to read and interpret maps.

Publisher: Ginn and Co

Price: no information.

**The Gregory-Hagerty Geography Tests.** By C. A. Gregory and Mary E. Hagerty. Published. 1926. Purpose: to measure pupils' knowledge in geography. Range: grades 4-6 Time to give: 30 to 35 minutes Time to score: 3 minutes. Standardized. yes.

This test consists of 5 parts. Part 1 consists of miscellaneous geographical facts of the completion type; Part 2 is a locational geography and map study test, Part 3 consists of questions and statements of the completion type on zones, seasons, climate, and rainfall, Part 4, same type as Part 3, on plants, animals, and peoples, Part 5, same type as 3 and 4, on countries and their products. Forms A and B are available.

Publisher: C. A. Gregory, University of Cincinnati

Price: \$4 per package of 100. In quantities less than 100, 4 cents per copy and 5 cents extra for class record sheet and score card; specimen set, either form, 10 cents, both forms, 20 cents.

**Gregory-Spencer Geography Test.** By C. A. Gregory and Peter L. Spencer. Published: 1923. Purpose. to measure pupils' achievement in geography. Range: grades 6-8 Time to give: 35 minutes Time to score: 3 minutes. Standardized. yes.

The test is composed of 8 parts, as follows: (1) Trade routes and their products; (2) Miscellaneous geography; (3) Causal geography (United States); (4) Causal geography (world); (5) and (6) Place and directions; (7) and (8) Political, land, and place geography. Forms A, B, and C are available.

Publisher: Bureau of Educational Research, University of Oregon.

Price: \$4 per 100, each form, complete; specimen set, 10 cents, each form.



**Hahn-Lackey Geography Scale.** By H. H. Hahn and E. E. Lackey. Published: 1918; revised, 1922. Purpose: to test children in the mastery of the subject-matter of geography. Range. grades 4-8. Time to give: varies. Time to score: short. Standardized: yes.

The scale is composed of 224 exercises arranged in 23 columns as steps. The exercises in each step are of approximately equal difficulty. At the top of each step, the standard for each grade is written. The scale is so arranged that from 15 to 29 tests can be given each grade without the repetition of exercises. This test may be used for diagnostic purposes. *One scale is needed for each teacher or examiner.*

Publisher: Public School Publishing Co

Price: 17 cents per copy

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Indiana University Geography Test.** By Wendell W. Wright. Published: 1926. Purpose: to measure reasoning ability in geography. Range. grades 6-8. Time to give: 30 minutes. Time to score: short. Standardized: not completely.

This test consists of a map of an imaginary continent and island, with cities, waterways, forests, plains, etc., designated. The pupil is asked questions concerning climate, products, industries, development of cities and railroads, etc.

Publisher: not yet available for general distribution

**Iowa State Teachers' College Geography Test, Parts I and II.** By ———. Published: 1921. Range: grades 4 and 5. Time to give: no information. Time to score: 2 to 5 minutes. Standardized: no.

Publisher: Iowa State Teachers' College

Price: not available for general distribution

**Los Angeles Geography Test.** By Los Angeles Public Schools. Published: 1918. Purpose: to measure ability in geography. Range: grades A6 and A8 (second semester). Time to give: no information. Time to score: no information. Standardized: locally.

There are separate tests for each grade. Each test is divided into 3 parts, as follows: (1) Location, (2) Physical features and industries, (3) Problems. A8 differs from A6 only in degree of complexity.

Publisher: Division of Educational Research, Public Schools, Los Angeles, Calif

Price: not published for general distribution

**McGill Map Test of Canada.** By G. W. McGill. Published: 1922. Purpose: to test pupils' knowledge of Canadian geography. Range: grades 6-8. Time to give: 30 minutes. Time to score: no information. Standardized: yes.

The test is composed of an outline map of Canada with questions on the important straits, gulfs, bays, lakes, islands, rivers, political divisions, and miscellaneous information. Abbreviations are used to indicate the different parts of the map, such as, P for province, L for lake. Each division of the map is numbered. In answering the questions the pupils are to write after the abbreviation the number of the province, lake, etc.

Publisher: University of Toronto Press.

Price: specimen set, 6 cents.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**New York Standard Geography Tests.** By Eugene A. Nifenecker. Published: 1922. Purpose: to measure pupils' achievement in geography. Range: grades 4-8. Time to give: 15 minutes. Time to score: short. Standardized: yes.

This test consists of 8 tests in the geography of United States. Each test is made up of 20 questions confined to a particular phase of geography, namely, physical, drainage, mathematical, climatic, industrial, commercial, and location of cities. The questions are arranged in order of difficulty.

Publisher: Bureau of Supplies, New York City, N.Y.

Price: not published for general distribution.

**Olmsted's Diagnostic Geography Test.** By M. C. Olmsted. Published: 1922. Purpose: to test pupils' knowledge of geography and to diagnose difficulties. Range: grades 7 and 8. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This is a group of 7 separate tests, containing from 10 to 30 questions each. The tests are as follows: Test 1, General geography; Test 2, Occupations; Test 3, Products; Test 4, Commerce; Test 5, Location; Test 6, Land and people; and Test 7, Surface and drainage.

Publisher: M. C. Olmsted, Junior High School, Clarkston, Wash.

Price: \$1.50 per 100.

**Omnibus Achievement Test.** By C. W. Odell. For description, see "Composite."

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Philadelphia Survey Test in Geography.** By Philip A. Boyer. Published: 1926. Purpose: to measure pupils' knowledge in geography. Range: grade 5. Time to give: 16 minutes. Time to score: no information. Standardized: yes.

This test is made up of 5 sub-tests in geography. Test I is made up of 10 sentences of the multiple-response type on general information in geography. Test II is a test in the association of industries and places. Test III is a location test in which a map of North and South

America is used. Test IV consists of 10 statements of the best-answer type covering general information.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolph Pintner. For description, see "Composite."

**Plymouth Educational Tests, No. 60A, Geographical Definitions.** By James E. McDade. Published: no information. Purpose: to measure ability in recognition of geographical definitions. Range: grades 5-8. Time to give: 1 minute. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. Under each of a series of definitions of geographical terms the pupil writes the term which is defined. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 63A, World Map.** By James E. McDade. Published: no information. Purpose: to measure recognition of geographical localities. Range: grades 5-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents a map of the world, with numbers indicating different localities. A list of 24 localities is given, and the pupil is to indicate after each locality its number on the map. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 64A, United States Map.** By James E. McDade. Published: no information. Purpose: to measure recognition of the location of the states of the Union. Range: grades 5-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. A map of the United States is presented, with each state numbered. A list of states is given and the pupil is asked to indicate the number which each bears on the map. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Posey-Van Wagenen Geography Scales.** By M. J. Van Wagenen. Published: 1922. Purpose: to measure pupils' ability in geography.

Range: Division I, grades 5 and 6; Division II, grades 7 and 8.  
Time to give: 40 minutes. Time to score: 2 minutes. Standardized: yes.

This scale is made up of Thought Scale S, Division I; Thought Scale R, Division II; Information Scales R and S, Divisions I and II, on general geographical facts: Information Scale A, Divisions I and II, on the geography of the United States and North America; Information Scale F, Division II, on the geography of Europe; and Information Scale K, Division II, on the geography of South America, Asia, and Africa. These scales "are composed of questions, or exercises, of increasing difficulty."

Publisher: Public School Publishing Co.

Price: \$1.50 per 100, each division; Teacher's Handbook, 20 cents; specimen set, 30 cents.

**Reavis-Branom Completion Test for the Measurement of Minimum Geography Knowledge of Elementary School Children.** By W. C. Reavis and M. E. Branom. Published: 1917. Purpose: to measure information and reasoning in geography. Range: grade 7. Time to give: 38 minutes. Time to score: no information. Standardized: no information.

This test is divided into 3 parts. Parts 1 and 2 consist of outline maps of the world. On the first the continents and oceans are to be located. Part 3 is composed of 20 exercises. Part of them are informational and part are reasoning questions.

Publisher: W. C. Reavis and M. E. Branom, Harris Teachers College.

Price: no information.

**Russell-Harr Diagnostic Geography Tests.** By Russell and Harr. Published: 1926. Purpose: to determine the ability of pupils in the field of geography, and to compare results with other schools. Range: geography students. Time to give: no time limit. Time to score: short. Standardized: no information.

Test I consists of three parts. Part one is a test in locations; Part two, location of cities; Part three, important questions. Test II is a test on North America consisting of five parts. Part one deals with physical features; Part two, rivers and lakes; Part three, states and provinces; Part four, livestock; Part five, important questions.

Publisher: McKnight and McKnight.

Price: 1 cent each for any number less than 100, plus postage. \$1, less 20 per cent, plus postage, for 100 or more of one test or assorted tests, in one order. \$10, less 30 per cent, plus postage, for 1,000 or more of one test or assorted tests in one order. Answer book with standardized scores, 20 cents.

**South Carolina Geography Location Test.** By Black, Bird, and Shull.

Published: 1924. Purpose: to test pupils' ability to locate the 46 counties and 32 important towns in South Carolina. Range: grades

6-8. Time to give: 6 minutes. Time to score: short. Standardized: no.

This test consists of an outline map of South Carolina, with counties numbered. A list of the 46 counties are to be located by placing the number, as found on the map, by the name of the county it represents. The 32 cities are located in like manner.

Publisher: University Extension Division, University of South Carolina.

Price: 60 cents per 100.

**Starch's Geography Test, Series A.** By Daniel Starch. Published: 1915.

Purpose: to measure pupils' knowledge of geography. Range: grades 5-8. Time to give: no time limit. Time to score: no information. Standardized: yes.

The test is composed of 78 exercises, made up of mutilated statements. When the blank spaces are properly filled the statements are correct.

Publisher: University Coöperative Co.

Price: 2 cents per sheet.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**Whittier Geography Scale A.** By J. Harold Williams. Published: 1920, 1923. Purpose: to measure achievement in geography. Range: grades 4-8. Time to give: no information. Time to score: no information. Standardized: no information

This is made up of 8 tests, each consisting of 15 questions of the multiple-response type. The tests include the following subjects: geographical names, location of cities, products, people, physiography, islands, travel, and animals.

Publisher: Bureau of Juvenile Research, Whittier State School.

Price: 10 cents per copy.

**Witham Standard Geography Tests.** By E. C. Witham. Published: 1921.

Purpose: to test a pupil's knowledge of geography. Range: grades 5-12. Time to give: 35 minutes. Time to score: short. Standardized: yes.

This is a series of 8 tests. The first 7 tests are for grades 5 to 9, and include 1 test each on the geography of the World, the United States, South America, Europe, Asia, Africa, and North America. Test 8 is "a reasoning test in Commercial Geography, for Junior and Senior High School." The tests include location, identification of places, industries and geographic conditions, and a small amount of map drawing.

Publisher: J. L. Hammett Co.

Price: \$1.75 per set of 50 tests; specimen set, 25 cents, complete.

## CIVICS

**Brown-Woody Civics Test.** By Arold W. Brown and Clifford Woody. Published: 1926. Purpose: to measure achievement in civics. Range: grades 7-12. Time to give: 35 minutes. Time to score: short. Standardized: yes.

This test is divided into 3 parts. Part I is a test of civic vocabulary; Part II, a test of civic information, and Part III, a test involving civic thinking. These tests are used for the purpose of diagnosis, classification, measurement of progress, and comparison of classes.

Publisher: World Book Co.

Price: \$1.30 per package of 25 examination booklets; specimen set, 15 cents.

**Burton Civics Test.** By W. H. Burton and Virginia N. Burton. Published: 1927. Purpose: to measure information in civics. Range: grades 5-9. Time to give: 20 to 25 minutes. Time to score: 3 to 4 minutes. Standardized: yes.

This is an inventory test in civics dealing with the desirable civic information a child should know.

Publisher: World Book Co.

Price: no information.

**Constitution Test.** By Institute of Public Service. Published: no information. Purpose: to measure knowledge of the Constitution. Range: no information. Time to give: no information. Time to score: short. Standardized: no information.

This test consists of 3 groups of exercises dealing with the Constitution of the United States. Group 1 is made up of 20 true-false statements; Group 2, of 10 completion-type exercises; and Group 3, of 10 multiple-response type exercises.

Publisher: Institute of Public Service.

Price: no information.

**Fort-Lindsey Standardized Constitution Test.** By J. C. Lindsey and L. M. Fort. Published: 1924. Purpose: to determine to what extent the pupils are familiar with the Constitution of the United States. Range: senior high school. Time to give: 25 minutes. Time to score: short. Standardized: yes.

This test is a copy of the Preamble and 19 articles of the Constitution. At intervals, words are omitted and these words are to be supplied by the pupils. A total of 400 words are omitted.

Publisher: Constitution Publishing Co.

Price: 75 cents per package of 12 tests and instructions.

**Hill Civics Tests.** By Howard C. Hill. Published: 1926. Purpose: to test a pupil's ability to make decisions in regard to civic attitude, and to give civic information. Range: grades 6-12. Time to give: no time limit. Time to score: short. Standardized: yes.

This test consists of 2 parts: one in civic attitudes and one in civic information. Each part consists of 20 sections, each section in-

volving the selection of the correct answer from a list of 4 statements.

Publisher: Public School Publishing Co.

Price: \$1 per 100 copies; specimen set, 10 cents.

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**North Carolina High School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in Civics.** By Charles W. Odell. Published: 1927. Purpose: to measure achievement in civics. Range: junior and senior high school. Time to give: no time limit. Time to score: short. Standardized: tentatively.

These scales include 10 specimens, in order of value, of answers to 9 different types of thought questions in civics. The types of questions include analysis, cause or effect, comparison, criticism, discussion, explanation, relationship, reorganization, and summary. One scale is needed for each teacher or examiner.

Publisher: Bureau of Educational Research, University of Illinois.

Price: no information.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Patterson's Tests on the Federal Constitution.** By Raymond G. Patterson. Published: 1927. Purpose: to test knowledge of the Constitution. Range: high school. Time to give: no time limit. Time to score: short. Standardized: no.

This test is made up of 3 forms. Form A is a test of 30 questions on basic facts in the Constitution of the United States. Form B is a test of 23 statements from the Constitution, to be completed. Form C is called a mathematical test and is made up of 31 questions concerning the history of the Constitution, amendments, qualifications of persons holding office, etc.

Publisher: The Palmer Co.

Price: \$2 per 100 copies.

**Stack Test in Community Civics.** By Herbert J. Stack. Published: 1927. Purpose: to measure attitudes and habits of good citizenship. Range: grade 9. Time to give: no information. Time to score: no information. Standardized: tentatively.

This test is divided into 3 sections. Section A is made up of multiple-response type statements dealing with general civic information. Section B is a completion type test on the same general subject-matter. Section C is a test in judgment, testing a pupil's civic attitude in certain life situations. Tests Alpha and Beta are developed. Alpha

covers the first semester's work and Beta, the second semester's work. Reference: *Historical Outlook*, April, 1927.

Publisher: Johnstown Public Schools, Johnstown, Pa.

Price: not available for general distribution.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**Upton-Chassell Scale for Measuring Habits of Good Citizenship.** By Siegfried Marie Upton and Clara F. and Laura M. Chassell. Published: 1918; revised, 1922. Purpose: to measure progress in forming attitudes and habits of good citizenship. Range: elementary school. Time to give: no information. Time to score: no information. Standardized: no.

This includes Scales A-H. The scales resemble in some respects a score card. Each scale consists of 24 items or points for consideration in rating a pupil. The scales are especially suggestive for the teaching of citizenship. A bulletin entitled "A Scale for Measuring the Importance of Habits of Good Citizenship: With a Description of Its Use in a New Report Card at the Horace Mann School," should accompany the test. Reference: *Teachers College Record*, January, 1919.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 45 cents per 100 scales. For examiner, one copy of bulletin.

**Upton-Chassell Short Scales for Measuring Habits of Good Citizenship.**

By L. M. Chassell, Siegfried M. Upton, and C. F. Chassell. Published: 1922. Purpose: to measure pupils' progress in good citizenship. Range: grades 1-8. Time to give: no information. Time to score: short. Standardized: yes.

These scales are derived from the Upton-Chassell Scale for measuring Habits of Good Citizenship, and are intended to supplement its use. They are made up of 24 points on which the pupil is to be rated in citizenship. Scales C, D, G, and H are available. Reference: *Teachers College Record*, January, 1922.

Publisher: Teachers College, Columbia University.

Price: 50 cents per 100. Copy of *Teachers College Record*, January, 1922, 40 cents.

## AMERICAN HISTORY

**Barr's Diagnostic Tests in American History.** By A. S. Barr. Published: 1918. Purpose: to test pupils' general historical information. Range: grades 8-12. Time to give: 30 minutes. Time to score: 2 to 3 minutes. Standardized: yes.

The test is made up of 2 series. Each series is composed of 6 tests: 1 practice test and 5 regular tests. The 5 regular tests are as follows: (1) History reading comprehension, (2) Chronological judgment, (3)



Evaluation of historical evidence, (4) Evaluation of facts, (5) Causal relationship. Series 2A and 2B are available.

Publisher: Public School Publishing Co.

Price: \$4 per 100, Series 2A or 2B; specimen set, 15 cents.

**Bell and McCullum Test in United States History.** By J. Carleton Bell and D. F. McCullum. Published: 1917. Purpose: to determine ability to understand present events in the light of the past. Range: classes in United States history. Time to give: 34 minutes. Time to score: no information. Standardized: yes.

The test is composed of 7 parts, as follows: (1) Dates-events (10 questions), (2) Men-events (10 questions), (3) Events-men (10 questions), (4) Historic terms (10 questions), (5) Political parties, (6) Divisions of United States history, (7) Map study. Standards were found on the basis of answers from high-school, normal school, and university students of Texas. Reference: *Journal of Educational Psychology*, May, 1917.

Publisher: out of print.

**Boston Research Test in United States History.** By Olivia C. Penell. Published: 1922. Purpose: to measure ability in United States history. Range: grades 6-8. Time to give: 29½ minutes for grade 6; 39½ minutes for grade 7; 44½ minutes for grade 8. Time to score: no information. Standardized: no information.

There are 3 separate tests. The test for grade 6 is composed of 5 parts as follows: (1) Period of discovery and exploration, (2) Period of settlement, (3) French and Indian wars, (4) Patriotic dates, (5) Late events. The test for grade 7 contains 10 parts, and the test for grade 8, 15 parts. They are similar in construction and arrangement to the test for grade 6. Reference: *The Historical Outlook*, March, 1924

Publisher: not published for general distribution.

**Columbia Research Bureau American History Test.** By Harry J. Carman, Thomas N. Barrows, and Ben D. Wood. Published: 1926. Purpose: to test general achievement in American history. Range: grades 9 thru college. Time to give: 125 minutes. Time to score: 5 minutes. Standardized: yes.

This test is made up of 4 parts, dealing with various aspects of American history. The test includes "a sampling of 200 important facts, relations, and judgments in the several different phases of history." It is designed to measure ability to make judgments and to draw inferences from facts. Part I consists of 80 true-false items; Part II, of 45 matching items; Part III, of 50 alternative-answer items; and Part IV, of 20 short-answer items. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.60 per package of 25.

**Davis-Hicks Informational Test in United States History.** By Sturgis B. Davis and E. E. Hicks. Published: 1920. Purpose: to measure

pupils' achievement in American history. Range: students studying American history. Time to give: 15 minutes for each test. Time to score: short. Standardized: no.

This test is divided into 7 tests of the multiple-response type to be used with Beard and Bagley's *History of the American People*. Test I is made up of 31 statements on exploration and settlement; Test II, 28 statements on the struggle for independence and the founding of the new nation; Test III, 18 statements on the new government thru the War of 1812; Test IV, 31 statements on the country's development preceding the Civil War; Test V, 30 statements on the slavery problem, the Civil War, and reconstruction; Test VI, 29 statements on 50 years of progress; Test VII, 16 statements on the new democracy. Each of these tests is of the multiple-response type.

Publisher: The Macmillan Co.

Price: no information.

**Davis Test in United States History: Colonial Period.** By S. B. Davis. Published: 1917. Purpose: to test pupils' knowledge of early United States history. Range: grade 8 thru high school. Time to give: 12 minutes for each test. Time to score: 1 minute. Standardized: yes.

Test A is composed of 41 questions of the multiple-response type, on the subject of early United States history. Test B contains 44 questions similar to those in Test A.

Publisher: University of Pittsburgh.

Price: 12 cents each.

**Denny-Nelson Tests in American History.** By E. C. Denny and M. J. Nelson. Published: 1927. Purpose: to measure pupils' knowledge of colonial and national history. Range: grades 7 and 8. Time to give: 40 minutes. Time to score: 1½ minutes. Standardized: yes.

This test is made up of 2 parts. One is a test on the colonial period up to 1789. The other covers the national period from 1789 to the present. Each contains questions of multiple-response, matching, true-false, and recall types. There are 2 forms for each test.

Publisher: World Book Co.

Price: not yet determined.

**Denver Curriculum Tests in American History.** By Denver Public Schools. Published: 1927. Purpose: to measure achievement in American history. Range: grade 11. Time to give: 30 minutes. Time to score: 1 minute. Standardized: locally.

This test is made up of 60 multiple-response statements in the first semester's work in American history and 60 in the second semester's work. Forms A and B are available.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Ely-King Tests in American History.** By Lena A. Ely and Edith King. Published: 1926. Purpose: to measure achievement in American

history and diagnose difficulties. Range: grade 8. Time to give: 15 to 20 minutes. Time to score: 5 minutes. Standardized: yes.

This is a series of 7 tests, each test including 50 exercises. The tests cover the following periods: Test I, Exploration, settlement, and colonization; Test II, The struggle for independence and the founding of the new nation; Test III, Political and territorial growth; Test IV, Development of the nation; Test V, The slavery problem, The Civil War, reconstruction and the New South; Test VI, Fifty years of progress, 1864-1914; and Test VII, Recent events, including the World War and its aftermath.

Publisher: Research Publishing Co.

Price: 75 cents per package of 25, any test; \$2 per 100, \$17.50 per 1,000; specimen set, complete, 40 cents.

**The Gregory American History Tests (revised).** By C. A. Gregory.

Published: 1926. Purpose: to determine the achievement and deficiencies of students in American history. Range: grades 7 and 8. Time to give: 40 minutes. Time to score: 3 minutes. Standardized: yes.

These tests in American history include Test I for the seventh grade and Test II for the eighth grade. Each test consists of the following 9 parts: Part I, miscellaneous facts and dates; Part II, association of events; Part III, historical vocabulary; Part IV, sequence of events; Part V, cause and effect relationship; Part VI, European background and period of discovery and exploration up to 1607; Part VII, the period of colonization, from 1607 to 1760; Part VIII, the period of the Revolution from 1760 to 1789; and Part IX, the period of national growth from 1789 to 1830. Forms A and B are available.

Publisher: C. A. Gregory, University of Cincinnati.

Price: \$3.75 per package of 100 tests, complete.

**The Gregory American History Tests: Test III.** By C. A. Gregory.

Published: 1923. Purpose: to measure pupils' information in American history. Range: grades 8-12. Time to give: 35 minutes. Time to score: 3 minutes. Standardized: yes.

Test III is divided into 7 major parts covering the whole field of American history. Part 1 deals with miscellaneous facts and dates; Part 2, the period of discovery, exploration, and colonization; Part 3, the period of revolution from 1760 to 1789; Part 4, the period of national growth from 1789 to 1830; Part 5, the period of sectional disputes and Civil War; Part 6, the period of Reconstruction and national development from 1865 to 1900; and Part 7, the period from 1900 to 1922. Forms A and B are available.

Publisher: C. A. Gregory, University of Cincinnati.

Price: \$3.50 per 100 tests, complete; specimen set, 10 cents, post-paid.

**The Hahn History Scales.** By H. H. Hahn. Published: 1920; revised, 1922. Purpose: to measure the pupil's information, comprehension,

and judgment in American history. Range: grades 7 and 8. Time to give: no time limit. Time to score: varies. Standardized: yes.

These scales consist of 2 distinct scales, one for the seventh and one for the eighth grade, containing ordinary questions in American history. The exercises are identical in the 2 scales and are arranged in columns of increasing difficulty. The teacher may use the scales by selecting questions out of any particular column. These scales may be used for diagnostic purposes. *One scale is needed for each teacher or examiner.*

Publisher: Public School Publishing Co.

Price: 20 cents each; 3 or more copies, 16 cents each; extra record sheets, 5 cents each.

**Harlan Test for Information in American History.** By C. L. Harlan.

Published: 1917. Purpose: to test information in American history.

Range: grades 7 thru high school. Time to give: no time limit.

Time to score: about 1½ minutes. Standardized: yes.

The test is made up of 10 exercises, 2 of which are of the matching type and the others call for the significance of statements made. All of the exercises deal with American history, including citizenship.

Publisher: Public School Publishing Co.

Price: 80 cents per 100; specimen set, 6 cents.

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**Information Test in American History.** By Raymond E. Mendenhall.

Published: 1927. Purpose: to measure achievement and progress in American history. Range: grades 7 thru college. Time to give: 25 minutes. Time to score: 5 minutes. Standardized: tentatively.

This test consists of 50 questions in American history for the elementary grades and 100 questions for high-school or college students. All the questions are of the objective-recall type. Four forms of the test are available, to be given at equal intervals thruout the term.

Publisher: R. E. Mendenhall, State Teachers College, Bemidji, Minn.

Price: not yet determined.

**Iowa General Information Test in American History.** By M. H. De

Graff, G. M. Ruch, and H. A. Greene. Published: 1927. Purpose: to test factual background in American history. Range: grades 7-12. Time to give: 45 minutes. Time to score: 2 minutes. Standardized: yes.

This test is made up of fact questions in American history. The test blanks are so made that they may be used by more than one class. Two equivalent forms are available.

Publisher: Bureau of Educational Research and Service, University of Iowa.

Price: 15 cents per test blank (including material for testing 6 pupils); manual, 15 cents; extra Dupli-test sheets, \$1 per 100.

**Lynch American History Test Series.** By I. R. Lynch. Published: 1926.

Purpose: to measure achievement in American history. Range: students of American history. Time to give: about 45 minutes. Time to score: short. Standardized: tentatively.

This test consists of a series of 6 tests. Test I is a booklet containing exercises in American history up to 1754; Test II, 1754-1789; Test III, 1789-1829; Test IV, 1829-1861; Test V, 1861-1898; and Test VI, 1898-1926. The exercises which make up these tests are of various types including multiple-response, association, true-false, completion, identification, and logical arrangement.

Publisher: The Educational Test Bureau, Minneapolis, Minn.

Price: 45 cents per package of .25, any test, complete; reduction on packages of large quantities.

**Mendenhall Tests for the Measurement of Ability in History.** By Raymond E. Mendenhall. Published: 1925. Purpose: to diagnose and predict ability in history. Range: high school and college. Time to give: 35 minutes. Time to score: 3 to 4 minutes. Standardized: tentatively.

These tests are made up of 11 tests dealing with American history, including comprehension of history read, importance of men and events, sequence of events, matching of names and descriptions of the people named, judgment of the possibility of untrue statements made, knowledge of authors, books, and literary characters, definition of terms used in history, importance of government offices, matching of historic places and countries, matching of causes and results, and memory of well-known words in American history.

Publisher: R. E. Mendenhall, State Teachers' College, Bemidji, Minn.

Price: \$1.25 per package of 25.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in American History.** By Charles W. Odell. Published: 1927. Purpose: to measure achievement in American history. Range: junior and senior high school. Time to give: no time limit. Time to score: short. Standardized: tentatively.

These scales include 10 specimens, in order of value, of answers to 9 different types of thought questions in American history. The types of questions include analysis, cause or effect, comparison, criticism, discussion, explanation, relationship, reorganization, and summary. *One copy is needed for each teacher or examiner.*

Publisher: Bureau of Educational Research, University of Illinois.

Price: no information.

**Oregon History Test.** By E. H. Hedrick and W. C. Hoppes. Published: 1924. Purpose: to measure pupils' knowledge in Oregon history. Range: elementary and high school students taking Oregon history. Time to give: no time limit. Time to score: no information. Standardized: no.

This test deals with Oregon history and is divided into 2 parts. Part I consists of 50 statements of the completion type. Part II consists of 22 statements of the best-answer type. Forms A and B are available.

Publisher: J. A. Churchill, Superintendent of Public Instruction, Salem, Ore.

Price: not yet determined.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Philadelphia Survey Test in History.** By Philip A. Boyer. Published: 1926. Purpose: to measure pupils' knowledge in history. Range: grade 5B. Time to give: 30 minutes. Time to score: no information. Standardized: yes.

This test is made up of 4 sub-tests, on the early history of the United States. Test I consists of 10 statements of the completion type. Tests II and III consist of 10 sentences each of the best-answer type. Test IV consists of 10 groups of statements, the most important of which is to be marked.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: no information.

**Pintner's Educational Survey and Non-Language Mental Tests.** By Rudolf Pintner. For description, see "Composite."

**Plymouth Educational Tests, No. 80A, United States History, Events-Dates.** By James E. McDade. Published: 1922. Purpose: to measure association between events and dates. Range: grades 6-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents a list of 32 events, and the pupil is asked to indicate the date of each event. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 81A, United States History, Events-Names.** By James E. McDade. Published: 1922. Purpose to measure association between events and names. Range: grades 6-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. It presents a list of 40 names numbered in alphabetical order, a list of 32 events is given, and the pupil is asked to indicate by the proper number the name associated with each event. If the Regular edition is used, which is

printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Plymouth Educational Tests, No. 82A, United States History, Names-Events.** By James E. McDade. Published: 1922. Purpose: to measure association between names and events in United States history. Range: grades 6-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. The names of 36 persons are given and the pupil is to select from a numbered, chronological list the event associated with each person. If the Regular edition is used, which is printed on manila folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Pressey Scale of Attainment No. 2 (Reading Vocabulary, American History, Arithmetical Reasoning, and English Grammar).** By S. L. Pressey. For description, see "Composite."

**Pressey-Richards Test for the Understanding of American History.** By L. W. Pressey and R. C. Richards. Published: 1922. Purpose: to test information and judgment. Range: grades 6-12. Time to give: 30 minutes. Time to score: 2 minutes. Standardized: yes.

This is a folder containing 4 separate tests, of 26 exercises each. Test 1 deals with Character judgment; Test 2, Historical vocabulary; Test 3, Sequence of events; Test 4, Cause and effect relationship. The exercises are of the multiple-response type.

Publisher: Public School Publishing Co.

Price: \$2 per 100 copies; specimen set, 10 cents.

**Rayner American History Test.** By W. H. Rayner. Published: no information. Purpose: to measure pupils' knowledge of American history. Range: students studying American history. Time to give: no time limit. Time to score: short. Standardized: no.

This test consists of 56 statements of the completion type concerning American history.

Publisher: not available for general distribution.

**Sackett's Scale in United States History.** By L. W. Sackett. Published: 1919. Purpose: to measure the attainments of pupils in United States history. Range: grades 5-12. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is made up of 7 tests, as follows: (1) Dates-events, (2) Men-events, (3) Events-men, (4) Historical terms, (5) Political parties, (6) Division of epochs of the United States, (7) Indication of growth of United States on an outline map (map supplied). Reference: *Journal of Educational Psychology*, September, 1919.

Publisher: L. W. Sackett.

Price: no information.

**Spokane United States History Test.** By O. C. Pratt. Published: 1918.

Purpose: to measure pupils' information and knowledge of United States history. Range: grade 8A. Time to give: 1 hour. Time to score: 2 minutes. Standardized: locally.

The test is made up of 5 parts. Each part is composed of 20 exercises. Part 1 is composed of a list of historic events with a list of 20 dates written in a column at the left of them. The date is associated with the proper event by writing it in the proper space. The other 4 parts are similar in arrangement and are composed of: (2) Event-names; (3) Descriptive phrases, historic terms; (4) Descriptive phrases, civic terms; (5) Cause-events.

Publisher: O. C. Pratt, Superintendent of Schools, Spokane, Wash.

Price: *out of print.*

**Starch's American History Test, Series A.** By Daniel Starch. Pub-

lished: 1916. Purpose: to measure the pupil's information of American history. Range: grades 6 thru high school. Time to give: no time limit. Time to score: no information. Standardized: yes.

The test consists of 61 mutilated sentences. When the blanks are correctly filled each sentence makes a complete statement concerning some fact or event in history. The number of blanks filled correctly is the score. Four duplicate forms are available.

Publisher: University Coöperative Co.

Price: 2 cents per sheet.

**Van Wagenen American History Scales—Information, Thought, and Character-Judging.** By M. J. Van Wagenen. No longer available. For description, see Van Wagenen American History Scales—Revised Edition.

**Van Wagenen American History Scales (Revised Edition).** By M. J.

Van Wagenen. Published: 1925. Purpose: to measure achievement in American history. Range: grades 5-8; Scale 1, grades 5 and 6; Scale 2, grades 7 and 8. Time to give: no information. Time to score: no information. Standardized: yes.

These scales are made up of 11 scales including Thought Scale R2, in General History; Information Scales S1 and S2 in General History and their alternate forms, R1 and R2; Information Scales C1 and C2 covering the period from the discovery of America to the Revolutionary War; Information Scales F1 and F2, covering the period from the Revolutionary War to the Civil War; and Information Scales K1 and K2, covering the period from the Civil War to the present time. These scales supplant the Van Wagenen American History Scales—Information, Thought, and Character-Judging.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: Information Scales, \$2 per 100, each scale complete (indicate grade); Thought Scale R2, \$2.25 per 100 complete; extra manual of directions, 25 cents; extra record sheets, 10 cents each.



**Witham Comprehensive History Test.** By E. C. Witham. Published: 1924. Purpose: to test a pupil's knowledge of historical facts. Range: grades 7 and 8. Time to give: no time limit. Time to score: short. Standardized: yes.

The test is made up of 30 statements concerning American history. The statements have certain important key words omitted and the pupil is asked to fill in each blank with one word which makes the statement true. Tests 1 and 2 are available for grade 7. Tests 3 and 4 are available for grade 8.

Publisher: J. L. Hammett Co.

Price: \$1 25 per set of 50 tests; specimen set, 25 cents

### ANCIENT HISTORY

**Davis and Hicks True-False Test in Roman History, Late Republican Period.** By S. B. Davis and E. E. Hicks. Published: 1922. Purpose: to measure to what extent the pupil's knowledge of Roman history is aided by the study of Caesar and Cicero. Range: grades 10-12. Time to give: about 15 minutes. Time to score: about 2 minutes. Standardized: no.

The test is composed of 50 true-false statements concerning the history of Rome. The tests have been devised by the American Classical League to be given in connection with classical investigations.

Publisher: Mason D. Gray, East High School, Rochester, N.Y.

Price: *out of print.*

**Institute of Educational Research College Entrance Examination in Ancient History.** By B. D. Wood. Published: 1922. No further information available.

**Sackett's Scale in Ancient History.** By L. W. Sackett. Published: 1917. Purpose: to test pupils' information of ancient history. Range: classes in ancient history. Time to give: 45 minutes. Time to score: no information. Standardized: yes.

The scale is made up of 8 tests: (1) Men-events, (2) Identifying prominent leaders, (3) Giving historical significance of events, (4) Identifying the participants in important battles, (5) Events-dates, (6) Contribution to civilization by 10 different peoples, (7) Identifying racial stock of 10 different peoples, (8) Location of 10 important geographical points in ancient history. Reference: *Journal of Educational Psychology*, May, 1919.

Publisher: *out of print.*

### EUROPEAN HISTORY

**The Gregory-Owens Tests in Mediaeval and Modern History.** By C. A. Gregory and A. D. Owens. Published: 1926. Purpose: to test pupils' knowledge in mediaeval and modern history. Range: grade 11 thru normal school. Time to give: 40 minutes. Time to score: 3 minutes. Standardized: yes.

This test consists of 7 parts. Part 1 consists of a list of 40 sentences of the completion type concerning miscellaneous facts and dates. Part 2 is a test in the association of events. Part 3 is a test of historical vocabulary. Part 4 is a test of sequence of events. Part 5 is a test of cause and effect relationships. Part 6 is a best-answer test on the history of the Middle Ages. Part 7 is a best-answer test on modern history. Forms A and B are available.

Publisher: C. A. Gregory, University of Cincinnati.

Price: \$4 per package of 100. In quantities less than 100, 4½ cents per copy and 5 cents extra for score card and class record sheet; specimen set, either form, postpaid, 10 cents; both forms, 20 cents.

**Griffin Content Examination in European History.** By H. D. Griffin.

Published: 1924. Purpose: to measure ability in history. Range: college freshmen. Time to give: from 46 to 98 minutes. Time to score: no information. Standardized: yes.

There are 3 parts to this examination: Part I, Knowledge of facts; Part II, Evaluation of facts; and Part III, Chronological judgment. The tests consist of 180 questions with multiple-choice answers.

Publisher: not published for general distribution.

**Vannest Diagnostic Test in Modern European History.** By C. G.

Vannest. Published: 1921. Purpose: to diagnose pupil difficulties in history. Range: secondary school. Time to give: 40 minutes. Time to score: 15 minutes. Standardized: tentatively.

This test consists of 5 different tests: (A) Time sense, (B) Place sense, (C) Evaluation of facts, (D) Thought, (E) Information. Each test is composed of several exercises covering the general field of modern European history.

Publisher: Bureau of Cooperative Research, Indiana University.

Price: 1 to 10 copies, 10 cents each; 11 to 50 copies, 2 cents each; 51 to 100 copies, 1½ cents each; extra directions sheets, 2 cents each; extra scoring keys, 5 cents each.

### MISCELLANEOUS HISTORY

**Buckingham's History Test.** By B. R. Buckingham. Reference: "A Survey of the Gary and Prevocational Schools of New York City," *Seventeenth Yearbook of the City Superintendent of Schools*, 1914-15, New York City.

**Denver Curriculum Tests in World History.** By Denver Public Schools.

Published: 1927. Purpose: to measure achievement in world history. Range: grade 10. Time to give: 30 minutes. Time to score: 1 minute. Standardized: locally.

This test is made up of 60 multiple-response statements in the first semester's work in world history and 60 in the second semester's work. Forms A and B are available.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Detroit Examinations in History.** By Detroit Public Schools. Published: 1925, 1926. Purpose: to test pupils' knowledge in history. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: locally.

The examination for History 3 consists of general history questions of the best-answer and true-false types, a test in the chronological order of events, one in the association of word meanings, and one in colonization. The examination for History 4 consists of general questions of the best-answer, true-false, multiple-response, and completion types; association of word meanings; location of cities; and causes of the World War. The examination for History 8 consists of general questions in history of the best-answer, multiple-response, true-false, and completion types; and also one test each in colonization, association of men and events, association of events, and in immigration.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Gold History Vocabulary Test.** By Mary S. Gold. Published: 1926. Purpose: to measure achievement and improvement in historical vocabulary. Range: grades 9-11. Time to give: no information. Time to score: short. Standardized: no information.

This test consists of 2 parts, one to be given at the first of the year's work in ancient or mediaeval history and one to be given toward the end of the course. Each part is made up of from 15 to 44 best-answer type statements which test the pupils' understanding of the meaning of the terms used. Reference: *Historical Outlook*, October, 1926.

Publisher: not available for general distribution.

**Iowa Comprehension Test, Series B-1, D-1, and D-2.** By C. E. Seashore and others. For description, see "Reading."

**Iowa High School Content Examination.** By G. M. Ruch and others. For description, see "Composite."

**Kelley's Test of Historical Ability.** By Truman L. Kelley. Published: 1914. Purpose: to measure historical ability. Range: grades 7-12. Time to give: 20 minutes. Time to score: no information. Standardized: no information.

The test consists of a selection adapted from pages 392-393, 402-404, Sedgwick's "A Short History of Italy." As a background for the test, the examiner draws a map of Italy on the blackboard and locates the important provinces and cities. In addition a brief description is given of the leading characters. The selection is then read and the pupils give points that are of historical importance. Reference: "Educational Guidance," Columbia University *Contributions to Education*, No. 71, Teachers College, 1914.

Publisher: not available for general distribution.

**Manry Test of Information and Judgment on International Affairs (Revised).** By J. C. Manry. Information not available.

**North Carolina High-School Senior Examination.** By M. R. Trabue.  
For description, see "Composite."

**Omnibus Achievement Test.** By C. W. Odell. For description, see  
"Composite."

**Pressey Tests of Historical Judgment.** By L. C. Pressey. Published:  
1924. Purpose: to measure ability to form historical judgments.  
Range: grades 6-12. Time to give: 28 minutes. Time to score: 1½  
minutes. Standardized: yes.

This test is made up of a number of multiple-response type ques-  
tions on judgments to be formed in different phases of work in history.  
Publisher: Public School Publishing Co.  
Price: \$1.25 per 100 copies.

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and  
Lewis M. Terman. For description, see "Composite."

**Uniform State Examinations—Wyoming.** By County Superintendents'  
Association Examination Committee. For description, see "Com-  
posite."

**Van Wagenen's Reading Scales: History.** By M. J. Van Wagenen. For  
description, see "Reading."

## HANDWRITING

**Ayres' Handwriting Scale (Gettysburg Edition).** By L. P. Ayres. Pub-  
lished: 1917. Purpose: to measure speed and quality in handwriting.  
Range: elementary or high schools. Time to give: 2 minutes. Time  
to score: 10 seconds. Standardized: yes

The scale is composed of 8 specimens of handwriting of the Gettys-  
burg Speech arranged in the order of quality from 20 to 90. Inter-  
mediate scores may be used if desired. The score is best found by sliding  
the paper along the scale until a specimen in the scale is found which  
corresponds in quality to the writing being graded. Speed is determined  
by counting the number of letters written in two minutes. *One scale*  
*is needed for each teacher or class.*

Publisher: Russell Sage Foundation, also Public School Publishing  
Co.

Price: 18 cents per copy; 3 copies or more, 14 cents each; extra  
record sheets, 1 cent each.

**Ayres' Handwriting Scale: Three-Slant Edition.** By Leonard P. Ayres.  
Published: 1912. Purpose: to measure the handwriting of children.  
Range: no information. Time to give: no information. Time to  
score: no information. Standardized: no information.

This scale consists of 3 series of samples of handwriting arranged  
in order of "legibility."

Publisher: Russell Sage Foundation.

Price: *out of print.*

**Ayres' Handwriting Scale for Measuring the Quality of Handwriting of Adults.** By L. P. Ayres. Published: 1914. Purpose: to measure the quality of handwriting of adults. Range: adults. Time to give: 2 minutes. Time to score: 10 seconds. Standardized: no information.

The Ayres' Handwriting Scale for Adults is composed of 24 samples arranged in 8 columns, with 3 copies representing each value. The values range from 20 to 90. A sample of writing is measured by sliding it along the scale until a corresponding quality is found. *One scale is needed for each examiner.*

Publisher: Russell Sage Foundation.

Price: 10 cents each; 100 or more, but less than 1,000, \$9 per 100; 1,000 or more, \$7.50 per 100.

**Ayres' Scale for Measuring the Quality of Handwriting of School Children.** By L. P. Ayres. Published: 1912. Purpose: to measure quality in handwriting. Range: elementary school. Time to give: 2 minutes. Time to score: 10 seconds. Standardized: yes.

The scale is composed of 24 specimens of writing arranged in 8 columns. Each column contains 3 copies of equal value, but of different style. The 8 values are arranged from 20 to 90. The value of a sample may be found by sliding it along the scale until a similar copy is found. *One scale is needed for each examiner.*

Publisher: Russell Sage Foundation.

Price: 17 cents per copy.

**Clark-Wells-Freeman Handwriting and Measuring Tablets.** By F. E. Clark, J. B. Wells, and F. N. Freeman. Published: 1921. Purpose: to measure handwriting and to enable pupils to measure their own handwriting. Range: grades 2-8. Time to give: no information. Time to score: varies. Standardized: yes.

The Handwriting and Measuring Tablets are arranged in 4 separate scales. Scales may be secured for 4 different levels: namely, grade 2, grades 3 and 4, grades 5 and 6, grades 7 and 8. There are 5 units or grades of excellence represented in each scale. A median of 75 is given so the pupil can compare his standing with the scale and tell how he stands in his grade.

Publisher: Dobson-Evans Co.

Price: second-grade pencil tablets, 50 cents per 100; ink tablets for grades 4-8, \$6.50 per 100, including books of instruction and score sheets.

**Conner Muscular Movement Penmanship Gradient.** By Bertha A. Conner. Published: 1922. Purpose: to measure definite writing product for each grade. Range: grades 1-8. Time to give: no information. Time to score: no information. Standardized: no information.

The scale "supplies teachers and pupils with a definite knowledge of the standard writing product for each grade." Standard specimens

of "muscular movement writing" are used for different periods of development during the school year, with each specimen evaluated.

Publisher: Houghton Mifflin Co.

Price: \$1.20 per envelope, "containing 'An Instruction Page to Teachers,' 50 copies of graded and rated types of the writing product for each ten weeks of the school year for the grade named on the envelope."

**Courtis Standard Research Tests in Handwriting, Form A. (Detroit Performance Scale.)** By Lena A. Shaw and S. A. Courtis. Published: 1920. Purpose: to measure ability to score handwriting. Range: grades 3-8. Time to give: grades 3 to 5, 3 minutes; grades 6 to 8, 90 seconds. Time to score: no information. Standardized: yes.

The scale is composed of 48 samples. Each page contains 2 samples, A and B. The pupil is to "compare the 2 samples and record which is the better writing, A or B." If he is unable to decide, the samples are called equal.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: *out of print.*

**Courtis Standard Research Tests in Handwriting: Series W.** By S. A. Courtis. Published: 1917. Purpose: to measure rate and ability in handwriting. Range: grades 3-8. Time to give: grades 3-5, 3 minutes; grades 6-8, 90 seconds. Time to score: 30 minutes. Standardized: yes.

The tests are made up of 5 specimens of handwriting ranging in value from 15 to 75. A pupil's writing may be measured by comparing it with the samples in the scale. If the sample being measured is found to be between 2 specimens on the scale, intermediate grades may be used.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: 90 cents for test material for 40 pupils.

**Courtis' Standard Research Tests in Spelling and Handwriting, Series S, Folder B.** By S. A. Courtis. For description, see "Spelling."

**Courtis Standard Supervisory Handwriting Test: Form A.** By S. A. Courtis. Published: 1918. Purpose: to measure speed and quality in handwriting. Range: grades 3-8. Time to give: grades 3-5, 3 minutes; grades 6-8, 1½ minutes. Time to score: 2 minutes. Standardized: yes.

The test consists of a printed selection to be written by the pupil. He is instructed to write as he would write a letter. Ayres' Scale is used for determining the quality of the writing.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: \$1.35 for one set of 40 copies, complete.

**Detroit Examination in Handwriting.** By Detroit Public Schools. Published: no information. Purpose: to test pupils' handwriting. Range: elementary grades. Time to give: no information. Time to score: no information. Standardized: locally.

This examination is made up of 2 exercises in handwriting which the pupil is to copy. Examples are scored in both rate and quality. Forms A and D are available.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**East Orange Samples for Rating Handwriting.** By Florence M. Smith. Published: 1923. Purpose: to measure quality of handwriting and diagnose difficulties. Range: grades 4-8. Time to give: no time limit. Time to score: short. Standardized: no.

These samples are chosen to aid in the analysis and correction of the most common faults in handwriting. The qualities to be scored are page effect, neatness, heaviness, slant, size, spacing of letters, spacing of words, alignment, keeping to form, letters not closed, parts omitted, parts added, smoothness, and spacing of lines. "Samples" are used by pupils in grading their own papers.

Publisher: Board of Education, East Orange, N. J.

Price: not available for general distribution.

**Fordyce's Directions for Measuring the Quality and Speed in Handwriting.** By Charles Fordyce. Published: 1918. Purpose: to measure quality and speed in handwriting. Range: grades 2-8. Time to give: 2 minutes. Time to score: 5 minutes. Standardized: yes.

The Fordyce Measuring Scale for Handwriting is an adaptation of the Ayres Scale in Handwriting. Quality is determined by using the Ayres Scale. A key is furnished on each record sheet giving the number of letters after each word. *One scale is needed for each examiner.*

Publisher: Extension Division, University of Nebraska.

Price: no information.

**Frasier's Writing Scale.** By George W. Frasier. Published: 1921. Purpose: to measure quality of handwriting. Range: grades 2-8. Time to give: no information. Time to score: no information. Standardized: tentatively.

The scale is composed of 9 samples. The highest quality is given a grade of 1 and the lowest, 9. The grade of a sample is found by sliding it along the scale until a similar sample is found. *One scale is needed for each examiner.*

Publisher: Normal Bookstore.

Price: 10 cents each; in lots of 10 or more, 8 cents each.

**Freeman Chart for Diagnosing Faults in Handwriting.** By F. N. Freeman. Published: 1914. Purpose: to measure slant, alignment, quality of line, letter formation, and spacing. Range: all grades.

Time to give: no information. Time to score: no information.  
Standardized: yes.

The chart is composed of 3 samples, each of uniform slant, alignment, quality of line, letter formation, and spacing. Each copy to be graded must be compared with each of these samples and a grade given for each characteristic to be considered. Three scores are suggested: one for the lowest, 3 for medium, and 5 for the highest. *One scale is needed for each teacher or class*

Publisher: Bureau of Educational Measurements, Kansas State Normal School; also, Houghton-Mifflin Co.

Price: 40 cents per copy of scale and complete accessories, postpaid; 3 or more copies, 37 cents each.

**Gilchrist Handwriting Scale.** By Edward P. Gilchrist. Published: 1920.

Purpose: to measure speed and legibility. Range: no information.  
Time to give: 53 seconds. Time to score: 6 seconds. Standardized: tentatively.

The scale is composed of 4 declarative sentences, each containing 6 words. "Speed is measured by limiting the writing. Legibility is measured by timing the reading of the writing." *One scale is needed for each examiner.*

Publisher: Edward P. Gilchrist, Pensacola, Fla.

Price: no information.

**Holmes' Penmanship Tests.** By H. W. Holmes. Published: 1915. Purpose: to measure speed and legibility in handwriting. Range: grades 2-8. Time to give: 8 to 10 minutes. Time to score: 2 to 3 minutes. Standardized: yes.

There are 3 separate tests: the dictation test, the 1-minute test, and the 4-minute test. Each of the samples was graded by 2 or more people for legibility. Each of the 3 tests is used in determining the legibility of the writing measured. Speed is determined by counting the letters written per minute in the 1- and 4-minute tests.

Publisher: Education Department, Harvard University.

Price: 25 cents each, plus postage.

**Houston's Guide for Rating and Correcting Handwriting.** By Harry Houston. Published: 1913; revised, 1920. Purpose: to measure speed and legibility of handwriting. Range: grades 4-8. Time to give: 2 or 3 minutes. Time to score: short. Standardized: no information.

The scale is made by using several samples for each rating. The quality of the sample to be graded is found by comparing it with the samples in the scale. *One scale is needed by each teacher or examiner.*

Publisher: Harry Houston, 162 Willard St., New Haven, Conn.

Price: 12 cents per copy.

**Johnson-Stone Scale for Measuring the Quality of Handwriting.** By George L. Johnson and C. R. Stone. Published: 1916. Purpose: to measure the quality of handwriting and diagnose pupil difficulties.



Range: elementary grades. Time to give: no time limit. Time to score: no information. Standardized: yes.

This is a 10-unit scale for measuring handwriting. Reference: *Elementary School Journal*, February 6, 1916.

Publisher: not available for general distribution.

**Kansas City Scale for Measuring Handwriting, Missouri Edition.** By Kansas City Public Schools. Published: 1916. Purpose: to measure speed and quality in handwriting. Range: grades 2-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

The test is made up of specimens arranged in 15 values ranging from 4 to 18. Each value contains from 1 to 3 specimens. Suggestions are given for the improvement of the specimen given under each value. There is also a set of 50 standardized specimens, published in 1916, modeled after the Thorndike Standardized Specimens and designed to enable teachers to train themselves and to check themselves in the use of the Handwriting Scale. *One scale is needed for each teacher.*

Publisher: Bureau of Research and Efficiency, Public Schools, Kansas City, Mo.

Price: 5 cents per copy.

**Locker's Handwriting Scale.** By W. C. Locker. Published: 1919. Purpose: to diagnose pupil difficulties in handwriting. Range: grades 1-7. Time to give: 1 to 2 minutes. Time to score: 1 to 2 minutes. Standardized: yes.

The scale is made up of 12 specimens ranging in value from 45 for the first grade to 95 for the eighth grade. Pupils should be taught how to use the scale in measuring their own writing. A copy is measured by comparing it with the scale. *One scale is needed for each teacher or class.*

Publisher: W. C. Locker, 805 East Marshall St., Richmond, Va.

Price: 10 cents each; teacher's guide, 25 cents.

**Minnesota Handwriting Test.** By M. E. Haggerty. Published: no information. Purpose: to test legibility and speed in pupils' handwriting. Range: grades 2-8. Time to give: 3 minutes. Time to score: short. Standardized: no information.

The test consists of the writing of a 4-line stanza with which the pupils are given an opportunity to become familiar. Both speed and legibility are tested. The Ayres scale is used for grading.

Publisher: Bureau of Cooperative Research, College of Education, University of Minnesota.

Price: no information.

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**New York City Penmanship Scale.** By Clyde C. Lister and Garry C. Myers. Published: 1918. Purpose: to measure form, movement, and

spacing of handwriting. Range: grades 4-8. Time to give: 5 minutes. Time to score: short. Standardized: yes.

This scale is made up of 27 specimens of penmanship; 10 in form, which consider accuracy in letter formation, uniformity of size, and regularity of correct slant; 8 in movement, which determine the quality of line; and 9 in spacing, which measure the correct and uniform space between letters, between parts of letters, and between words. Each specimen has a distinct value, ranging from very poor to excellent. *One scale is needed for each teacher or examiner.*

Publisher: The Macmillan Co.

Price: 20 cents per copy.

**Palmer's Standards for the Evaluation of Efficiency in Handwriting.** By A. N. Palmer. Published: 1920. Purpose: to evaluate the efficiency of pupils' handwriting. Range: grades 1-8. Time to give: 1 minute. Time to score: 1 minute. Standardized: yes.

The standards are made up of separate standards for grades 1-8. The pupil's work is compared with the standards of that grade. *One set of standards is needed for each grade.*

Publisher: A. N. Palmer Co.

Price: 50 cents for complete set; separate sets for each grade, 10 cents each; tabulating pads, 10 cents each.

**Powers Handwriting Scale.** By J. F. Powers. Published: 1922. Purpose: to measure speed and quality in handwriting. Range: grades 3-8. Time to give: 2 minutes. Time to score: 2 minutes. Standardized: no.

This scale is made up of Card 1, containing 4 specimens of handwriting for grades 3-5, and Card 2, containing 4 specimens for grades 6-8. The scale is to be used with the Economy Method of Writing. *One copy is needed for each teacher or examiner.*

Publisher: Laurel Book Co.

Price: 5 cents per copy; \$1 per 25; \$2.50 per 100.

**Pressey Chart for Diagnosis of Illegibilities in Handwriting.** By S. L. and L. C. Pressey. Published: 1927. Purpose: to measure "readability" of handwriting and diagnose difficulties in writing legibly. Range: grades 3 thru college. Time to give: no time limit. Time to score: no information. Standardized: yes.

This "chart may be used as the basis for analysis of the faults of any piece of handwriting." It is made up of a list of faults in the formation of letters which make the writing hard to read. *One chart is needed for each teacher or examiner.*

Publisher: Public School Publishing Co.

Price: no information.

**Starch-Wise Measuring Scale for Handwriting.** By Daniel Starch and C. T. Wise. Published: 1919. Purpose: to measure speed and quality in handwriting. Range: grades 1-8. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is composed of 21 specimens of writing arranged in order of value ranging from 0 to 20. The sample may be graded by sliding it along the scale until a specimen of similar quality is found. The grade for speed is found by counting the number of letters written per minute. *One scale is needed for each examiner.*

Publisher: University Coöperative Co.

Price: 50 cents per copy.

**Thorndike's Scale for Measuring the Handwriting of Children.** By E. L. Thorndike. Published: 1910; revised, 1912. Purpose: to measure speed and general merit in handwriting. Range: grades 2-8. Time to give: no information. Time to score: short. Standardized: yes.

The scale is composed of specimens arranged in 15 degrees of merit, ranging in value from 4 to 18. The quality of a sample is determined by comparison with the specimens in the scale. Standards have been found for writing used in the penmanship class and for writing used in preparation of lessons. Speed is determined by the number of words written per minute. *One scale is needed for each examiner.*

Publisher: Bureau of Publications, Teachers College, Columbia University; also Extension Division, University of Iowa.

Price: 12 cents each. Discounts on quantity orders.

**Zaner's Handwriting Scale.** By Charles Paxton Zaner. Published: 1917. Purpose: to measure quality and style in handwriting. Range: grades 1-12. Time to give: 1 minute of actual writing. Time to score:  $\frac{1}{2}$  minute. Standardized: yes.

The scale is made up of 2 parts. The upper half is composed of 8 specimens of writing ranging in value from 30 to 95. It is used for measuring quality only. The lower half of the scale is to be used for measuring both style and quality. The sample to be graded is compared with the scale, sliding it along until a specimen of similar quality is found. *One scale is needed for each teacher or examiner.*

Publisher: Zaner and Bloser Co.

Price: 25 cents each; \$1.28 per dozen.

## FOREIGN LANGUAGE

### GENERAL

**De Jong's Modern Language Tests.** By Gerrit de Jong, Jr. Published: 1920. Purpose: to test "all-round" ability in a foreign language. Range: high school and college. Time to give: 45 minutes. Time to score: 3 minutes. Standardized: partially.

This is a composite group test including 7 units, as follows: (1) Opposites, (2) Arithmetic, (3) Similarities, (4) Sentence construction, (5) Completion of mutilated texts, (6) Grammar, and (7) Understanding of the spoken word.

Publisher: Gerrit de Jong, Jr., Brigham Young University.

Price: 6 cents per copy.

**Handschin's Predetermination Tests.** By C. H. Handschin. Published: mimeographed copies only. Purpose: to classify pupils according to linguistic ability. Range: grades 7-10. Time to give: written test, 5 minutes; oral, 4 minutes. Time to score: no information. Standardized: yes.

These tests are made up of 4 separate predetermination tests using Esperanto, 2 written and 2 oral. The written tests are Seeing-writing and Hearing-writing. Sentences are placed on the board and exposed for 1 minute, then erased, and the pupils are to reproduce them in writing. The oral tests are individual. Each pupil is given a 4-minute test in hearing-speaking and seeing-speaking.

Publisher: Bureau of Education, Washington, D.C.

Price: no information.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and others. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

Foreign Language Series FA-1, Aptitude. Part 1 is a measure of the elements of English grammar; Part 2, amount of transfer from English to an unfamiliar language; Part 3, ability to comprehend and apply rules of grammar; Part 4, aptitude for translation.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series complete, either form A or B, plus transportation; specimen copy, either form, 5 cents postpaid.

**Wilkins' Prognosis Test in Modern Foreign Language.** By Lawrence A. Wilkins. Published: 1920. Purpose: to measure the ability of pupils to succeed in the study of foreign language. Range: secondary schools and colleges. Time to give: collective tests, 24 minutes; individual tests, for 25 to 30 students, 45 minutes. Time to score: short. Standardized: yes.

The test is made up of Series A and B. Series A is composed of 4 separate tests: (1) visual-motor (seeing and writing), (2) aural-motor (hearing and writing), (3) memory, (4) grammar concepts. Series B is composed of 2 individual tests; Test 5, visual-oral (seeing and speaking in English), Test 6, aural-oral (hearing and speaking). The prognostic test is to be given the first day of school.

Publisher: World Book Co.

Price: \$1.60 per package of 25 booklets, complete; specimen set, 10 cents, postpaid.

## LATIN

**Allen Examination in First-Term Latin.** By William S. Allen. Published: 1923. Purpose: to measure achievement in Latin and

diagnose pupil difficulties. Range: first-year Latin. Time to give: 90 minutes. Time to score: short. Standardized: yes.

This test is made up of 11 parts covering Latin syllabication and accent, gender, nouns, pronouns, verbs, vocabulary, derivations, constructions, pronunciation, and translation from English to Latin and from Latin to English. Series Alpha and Beta are available.

Publisher: not published for general distribution.

**Baltimore Junior High Latin Grammar-Translation Exercises.** By Baltimore Junior High School. Published: 1925. Purpose: to test achievement in beginning Latin. Range: grade 9. Time to give: 35 minutes. Time to score: 3 minutes. Standardized: partially.

This series of tests is made up of 4 tests, one for each quarter of the year's work. Each test consists of several questions in beginning Latin, including declensions, conjugations, translation from English into Latin and from Latin into English, rules of grammar, pronunciation, and vocabulary.

Publisher: Baltimore Public Schools, Baltimore, Md.

Price: no information.

**Briggs Analogies Test.** By Thomas H. Briggs. Published: no information. Purpose: to measure knowledge of form and ability to see relationship between words in Latin. Range: first-semester Latin. Time to give: 13 minutes for each test. Time to score: short. Standardized: yes.

This series of tests is composed of 11 tests, one in each of the following types of work done in the first semester of Latin: nouns, vocabulary, construction, derivation, syllabication, gender, pronouns, conjugation, pronunciation, translation from English to Latin, and translation from Latin to English. The test is made up of 72 multiple-response type questions. Forms Alpha and Beta are developed.

Publisher: Thomas H. Briggs, Teachers College, Columbia University.

Price: not available for general distribution.

**Brown's Latin Tests.** By H. A. Brown. Published: 1920. Purpose: to measure efficiency in Latin. Range: grades 9-12. Time to give: 30 minutes. Time to score: 30 seconds. Standardized: yes.

This test is made up of 6 Latin tests including (1) a Connected-Latin test consisting of a connected passage of Latin to be interpreted in terms of its thought content; (2) a Latin-sentence test consisting of a series of Latin sentences of varying difficulty; (3 and 4) 2 Latin vocabulary tests, one testing ability to translate Latin words and the other testing ability to react to the functional relationship of these words in sentences; and (5 and 6) 2 Latin grammar tests, one containing 20 constructions in formal grammar and the other containing a series of Latin constructions chosen from the Latin sentence test.

Publisher: The Parker Co.

Price: Latin grammar tests and Latin vocabulary tests, 75 cents

per 100, each; Latin sentence test and Latin connected test, \$1.25 per 100, each; manual of directions, 25 cents.

**Davis and Hicks True-False Test in Roman History, Late Republican Period.** By S. B. Davis and E. E. Hicks. For description, see "History—Ancient."

**Deferrari-Foran Tests in Latin Vocabulary and Forms.** By R. J. Deferrari and T. G. Foran. Published: 1925. Purpose: to test pupil in Latin vocabulary and forms. Range: high school. Time to give: 35 minutes. Time to score: 5 minutes. Standardized: tentatively.

This booklet contains tests in the meanings and forms of Latin words. Test A deals with nouns; Test B, with pronouns; Test C, with verbs; Test D, with adjectives. Forms A and B are available.

Publisher: The Catholic Education Press.

Price: \$1 per package of 25 tests of either form; specimen set, 15 cents.

**Deferrari-Foran Latin Tests, Test in Latin Comprehension.** By Roy J. Deferrari and T. G. Foran. Published: 1925. Purpose: to measure pupils' comprehension in Latin. Range: high school. Time to give: 45 minutes. Time to score: 2½ minutes. Standardized: yes.

This test consists of 9 sections of Latin passages of increasing degrees of difficulty. Each section is followed by a group of questions regarding the content of the passage. The questions are in English and to be answered in English.

Publisher: The Catholic Education Press.

Price: \$1 per package of 25 tests; specimen set, 15 cents.

**Denver Curriculum Test in Latin Comprehension.** By Denver Public Schools. Published: 1927. Purpose: to test comprehension of Latin that is read. Range: grades 9-12. Time to give: 35 minutes. Time to score: short. Standardized: locally.

This test is made up of 12 questions, each consisting of a short paragraph or poem in Latin followed by 3 or 4 questions in English on its content.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Godsey Diagnostic Latin Composition Test.** By Edith Godsey. Published: Form 1, 1922; Form 2, 1923. Range: second to eighth semester of high-school Latin. Time to give: 30 minutes. Time to score: short. Standardized: yes.

The test is composed of 3 sections of exercises, each with rules governing each correction. Each English sentence has a Latin sentence under it, which is a correct translation, except that it contains a phrase expressed in 4 ways, one of which is correct. A line is to be drawn under the phrase that is correct. At the right of the exercise are 4 numbers referring to the 4 rules given below. The pupil is to draw

a circle around the number corresponding to the number of the rule that governs the correction. Forms 1 and 2 are available.

Publisher: W. L. Carr, Oberlin College, Oberlin, Ohio; also American Classical League.

Price: \$1 per package of 100 tests, complete.

**Hanus' Latin Tests.** By Paul H. Hanus. Published: 1920. Purpose: to measure the growth of power in Latin vocabulary, translation, and grammar. Range: grades 9-12. Time to give: 30 to 40 minutes. Time to score: no information. Standardized: no.

The tests are made up of 3 tests: vocabulary, translation, and grammar. The vocabulary test is made up of 3 parts. Each consists of 50 Latin words to be translated into English. The translation test consists of 10 Latin sentences to be translated into English. The grammar test consists of 5 nouns and 5 verbs. The pupil is to give the case and verb forms and reasons for using them. Reference: Hanus' *School Administration and School Reports*, published by Houghton Mifflin Co.

Publisher: not published for general distribution.

**Henmon's Latin Tests.** By V. A. C. Henmon. Published: 1917. Purpose: to measure ability in vocabulary and sentence construction. Range: 4 years of high school. Time to give: 8 minutes for vocabulary, 12 minutes for sentence tests. Time to score: 4 to 5 minutes. Standardized: yes.

The tests are composed of vocabulary and sentence tests. There are 5 vocabulary tests: A, B, C, D, and X. Tests A, B, C, and D are composed of 50 words each. Each word is weighted, values ranging from .4 to 4.7. Test X is composed of 25 words of equal value. It is designed for research purposes and surveys. Of the 4 sentence tests now used, 1 and 2 are of equal difficulty, and are suited for all 4 years. Sentence Test 3 is too difficult to be satisfactory except in the third and fourth years.

Publisher: World Book Co.

Price: 50 cents per package of 25 of any one test, complete; specimen set, 10 cents postpaid.

**Inglis Latin Tests: General Vocabulary.** By Alexander Inglis. Published: 1923. Purpose: to measure the number and value of the Latin words for which the pupil knows the more common meanings. Range: all grades in which Latin is studied. Time to give: 30 minutes. Time to score: 4 minutes. Standardized: yes.

This test consists of a series of 150 Latin words in their usual vocabulary form. The pupil is to write the most common and fundamental English meaning of each Latin word in the blank opposite it. Forms A, B, C, D, and E are available.

Publisher: Harvard University Press.

Price: \$1.25 per lot of 25 copies, complete; specimen set, 25 cents.

**Inglis Latin Tests: Morphology.** By Alexander Inglis. Published: 1923. Purpose: to measure pupils' knowledge of the morphology of secondary-school Latin. Range: all grades in which Latin is studied.

Time to give: 30 minutes. Time to score: 4 minutes. Standardized: no.

This test consists of exercises in the declension of Latin words, and conjugations and principal parts of Latin verbs. Forms A, B, C, D, and E are available.

Publisher: Harvard University Press.

Price: \$1.25 per lot of 25 copies, complete; specimen set, 25 cents.

**Inglis Latin Tests: Syntax.** By Alexander Inglis. Published: 1923.

Purpose: to measure the number and value of the Latin constructions which the pupil knows. Range: all grades in which Latin is studied. Time to give: 30 minutes. Time to score: 4 minutes. Standardized: no.

This test consists of 2 parts. Part I includes the following 4 exercises: Exercise A deals with the Latin constructions of designated nouns or pronouns in 23 English sentences; Exercise B deals with the case used following each of 20 Latin prepositions; Exercise C deals with the case governed by each of 20 Latin adjectives; and Exercise D, with the case governed by each of 16 Latin verbs. Part II is similar to Exercise A in part I, the Latin constructions used in this case being verbs. Forms A and B are available.

Publisher: Harvard University Press.

Price: \$1.25 per lot of 25 copies, complete; specimen set, 25 cents.

**Kansas Latin Derivative Tests.** By W. L. Holtz and Edith Godsey. Published: 1920. Purpose: to measure transference of training, effect of study of Latin upon knowledge of English. Range: high school. Time to give: 3 to 25 minutes for each set. Time to score: 1 to 5 minutes. Standardized: yes.

The tests are made up of 4 separate tests. Tests A and B are Latin derivative tests in which Latin words are to be associated with their English meanings or English words with their Latin meanings. Tests C and D are Latin teaching tests, Test C dealing with the meanings of 20 English words, and Test D with the correct spelling of 50 English words.

Publisher: Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: 50 cents per 100.

**Lohr-Latshaw Latin Form Test.** By L. L. Lohr and Harry Franklin Latshaw. Published: 1923. Range: high-school Latin classes. Time to give: 20 minutes. Time to score: short. Standardized: tentatively.

This test is composed of a list of 35 Latin forms, of nouns, pronouns, and verbs. The pupil is to indicate the information about each form under the respective headings in ruled columns.

Publisher: Bureau of Educational Research, School of Education, University of North Carolina.

Price: 40 cents per package of 25 tests; \$1.50 per 100.



**Morris-Ward Prognosis Test in Latin.** By J. V. L. Morris and L. A. Ward. Published: 1927. Purpose: to predict ability to succeed in Latin study. Range: grades 7-10. Time to give: 30 minutes. Time to score: 5 minutes. Standardized: tentatively.

This test is made up of 5 sub-tests. Test I is to test a pupil's ability to write the Latin words observed on flash cards. Test II is to test pupils' ability to write what was heard. Test III is a test in memory and vocabulary. Tests IV and V are tests in grammar and parts of speech.

Publisher: J. V. L. Morris, Teachers College, Alva, Okla.

Price: \$2 per 100, including set of 10 flash cards, key, and score card.

**New York Latin Achievement Tests.** By H. G. Thompson and J. S. Orleans. Published: 1927. Purpose: to measure achievement in Latin at the end of the first half and at the end of the first year of Latin. Range: first-year Latin students. Time to give: 80 minutes. Time to score: no information. Standardized: yes.

There are 2 parts to this test. Test I for the end of the first half of the year, and Test II for the end of the first year of Latin. Each test consists of 13 parts covering 13 phases of the study of Latin, covering vocabulary, forms, syntactic analysis, comprehension, and translation.

Publisher: World Book Co.

Price: not yet determined.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Orleans-Solomon Latin Prognosis Test.** By J. S. Orleans and Michael Solomon. Published: 1926. Purpose: to foretell what success pupils may be expected to have in the study of Latin. Range: beginning high school Latin. Time to give: 50 minutes. Time to score: short. Standardized: no.

The test consists of 9 parts, 6 of which include both a lesson and a test on the lesson. The parts are as follows: I. Test of English vocabulary thru derivatives. II. Appreciation (recognition) of change in ending for gender and number of individual words. III. Appreciation (recognition) of change in ending for case in sentences. IV. Use (by translation into Latin) of case endings in sentences. V. Appreciation (recognition) of change in ending for number (noun and verb) in sentences. VI. Use (by translation into Latin) of number, case, and verb endings in sentences. VII. Distinction (by translation into Latin) between use of dative of indirect object and accusative with *ad* (place to which) in sentences. VIII. Test of volitional memorization of a vocabulary. IX. Test of vocabulary recall (of words used in the test as a whole).

Publisher: World Book Co.

Price: \$1.30 per package of 25; specimen set, 15 cents.

**Otis English-Latin Derivation Test.** By Alvah T. Otis. Published: no information. Purpose: to rate the degree to which Latin students recognize the source of Latin-derived English words. Range: grades 9-12. Time to give: 20 minutes. Time to score:  $\frac{1}{2}$  minute. Standardized: partially.

This test is of the multiple-response type. Fifty words in all are given, part of them being English words for which the Latin source is to be given, and part of them being Latin words for which an English derivative is to be given.

Publisher: not published for general distribution.

**Pressey Test in Latin Syntax.** By L. W. Pressey. Published: 1922. Purpose: to diagnose pupil difficulties in Latin. Range: grades 9A-12. Time to give: 15 minutes. Time to score: 2 minutes. Standardized: yes.

The test is composed of 32 exercises. Each exercise contains an English sentence and 4 Latin translations, 3 of which are incorrect. The pupil is to underline the Latin sentence that is correct.

Publisher: Public School Publishing Co.

Price: 50 cents per package of 25 tests and 1 direction sheet; specimen set, 10 cents.

**Starch's Latin Test:** By Daniel Starch. Published: 1916. *Out of print.* See Starch-Watters Latin Test.

**Starch-Watters' Latin Test.** By Daniel Starch and J. M. Watters. Published: 1918. Purpose: to measure pupils' ability in Latin vocabulary and translation. Range: first four years in Latin. Time to give: 45 minutes. Time to score: 5 to 10 minutes. Standardized: yes.

The Latin Test, Series A, is made up of a vocabulary test and a translation test for each of the 4 years in high school. The vocabulary test is composed of 100 words selected by choosing every twelfth word from Lodge's "The Vocabulary of High School Latin." Space is left at the right of each word for the pupil to write the meaning. The translation tests were made by selecting sentences at regular intervals from texts for each year. This test is a revision of the Starch Latin Test.

Publisher: University Coöperative Co.

Price: 2 cents per sheet.

**Stevenson Latin Vocabulary Test.** By P. R. Stevenson. Published: 1923. Purpose: to measure knowledge of Latin vocabulary. Range: grades 7-10. Time to give: 15 minutes. Time to score: short. Standardized: yes.

This test consists of a list of 60 Latin words arranged in columnar form. In parallel columns double that number of English meanings are presented. The pupil is to write before the Latin word the number given its English meaning in the opposite column. There are three approximately equivalent forms.

**Publisher:** Public School Publishing Co.

**Price:** 50 cents per package of 25 copies, complete, Forms I, II, and III; specimen set, 15 cents.

**Stevenson-Coxe Latin Derivative Test.** By P. R. Stevenson and W. W. Coxe. Published: 1923. Purpose: to measure pupils' ability to recognize the Latin in English words. Range: grades 7-10. Time to give: 15 minutes. Time to score: short. Standardized: tentatively.

This is a test to see if pupils can recognize the Latin in English words. The pupils look at each English word given and think of the Latin word or words from which the English syllables may be derived. Then they find in a column of Latin words the one which forms an important part of the English word.

**Publisher:** Public School Publishing Co.

**Price:** 50 cents per package of 25 copies, complete, Forms I, II, and III; specimen set, 15 cents.

**Tyler-Presesey Test in Latin Verb Forms.** By Caroline Tyler and S. L. Presesey. Published: 1922. Purpose: to diagnose pupil difficulties in studying Latin verbs. Range: high-school Latin after first semester. Time to give: 15 minutes. Time to score: 2 minutes. Standardized: yes.

The test is made up of 32 Latin verb forms to be translated. The questions are of the multiple-response type.

**Publisher:** Public School Publishing Co.

**Price:** 50 cents per package of 25 tests and 1 direction sheet; specimen set, 10 cents; extra class record sheets, 1 cent each.

**Ullman-Kirby Latin Comprehension Test.** By B. L. Ullman and T. J. Kirby. Published: 1922. Purpose: to measure pupils' ability to comprehend Latin selections. Range: grades 9-12. Time to give: 30 minutes. Time to score: 2 minutes. Standardized: yes.

This test is composed of 10 paragraphs in Latin with 3 or 4 questions in English on each. "This test presents a number of passages similar to the Caesar, Cicero, Vergil, and 'beginning Latin' read in high school, and asks questions designed to reveal whether the pupil understands a given passage. It does not call for translation." Forms I and II are available.

**Publisher:** Extension Division, University of Iowa.

**Price:** 100 tests containing complete directions, \$1.75; specimen set, 10 cents.

**Wentworth's Latin Test.** By Mary M. Wentworth. Published: 1919. Purpose: to measure pupils' ability to remember Latin words and associate them with English derivatives. Range: grades 9 and 10. Time to give: Test I, 2½ minutes; Test II, 5 minutes. Time to score: short. Standardized: yes.

This test is composed of 2 separate tests. Test I is made up of 100 English words, some of which are derived from Latin and some of which are not. The words are selected in such a way that pupils must decide

from the meaning rather than from the spelling whether or not they are derived from Latin. Test II is a vocabulary test containing 100 English words.

Publisher: Division of Educational Research, City School District, Los Angeles, Calif.

Price: no information.

**White Latin Test.** By Dorrance S. White. Published: 1924. Purpose: to measure growth in knowledge of Latin. Range: first 4 years of Latin. Time to give: 35 minutes. Time to score: short. Standardized: yes.

This test consists of 2 parts. Part I is a vocabulary test of 100 words selected according to frequency of occurrence in the works of authors that are read for college entrance. Part II is a test in the translation of sentences, containing 20 sentences grouped according to increasing difficulty of syntax. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.25 per package of 25 examination booklets, either form, complete; specimen set, 20 cents, postpaid.

**Wisconsin Test in Latin Words, Phrases, and Abbreviations occurring in English.** By Lou V. Walker. Published: no information. Purpose: to test pupils' knowledge in Latin words, phrases, and abbreviations occurring in English. Range: grades 7-12. Time to give: 30 minutes. Time to score: short. Standardized: no information.

This test is made up of 3 sections. Section I consists of 25 phrases of Latin origin; Section II, 20 abbreviations of Latin origin; and Section III, 50 words of Latin origin. In each case the English meaning is to be written.

Publisher: Lou V. Walker, Iowa Apartments, Iowa City, Iowa.

Price: no information.

**Wyckoff Latin Prognosis Test.** By R. T. Wyckoff. Published: 1926. Purpose: to forecast ability to succeed in Latin. Range: beginning high-school Latin classes. Time to give: 35 minutes. Time to score: about 6 minutes. Standardized: yes.

This test is composed of 10 sections. The first 8 cover the following phases of English grammar: paragraphing, sentence structure, synonyms, parts of speech, tense of verbs, number of verbs and nouns, and derivatives. The ninth is the translation of English sentences into Latin, and the tenth, Latin vocabulary to be memorized.

Publisher: R. T. Wyckoff, Berea College, Berea, Ky.

Price: no information.

## FRENCH

**American Council Alpha French Test.** By V. A. C. Henmon, Algernon Coleman, and Marion R. Trabue. Published: 1927. Purpose: to measure achievement and progress in the ability to read and write French. Range: high school and college. Time to give: 40 minutes for each part. Time to score: short. Standardized: yes.

This test is in 2 booklets, Part I and Part II. Part I consists of a vocabulary test of the alternative-answer type made up of 75 French words, and a grammar test, which is a test of functional grammar, made up of 50 items. Part II measures ability in silent reading and written composition. It consists of 7 paragraphs of increasing difficulty, with questions on the text in French, the answers to be given in English. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.25 per package of 25 of each form, complete; specimen set, 35 cents postpaid, for one copy of each form and part, complete.

**American Council Beta French Test.** By Jacob Greenberg and Ben D. Wood. Published: 1927. Purpose: to measure pupils' achievement in French. Range: junior and senior high school. Time to give: 30 minutes for each part. Time to score: 5 minutes. Standardized: yes.

This test consists of 3 parts. Part I is a vocabulary test of the alternative-answer form. It consists of 100 French words, each of which is followed by 4 or 5 English words. Part II is a comprehension test consisting of 60 statements in French arranged according to difficulty. Part III is a grammar test, consisting of 60 English sentences, each of which is followed by an incomplete translation, which must be completed by the student. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.30 per package of 25, complete; specimen set, 25 cents postpaid, for one copy of each form, complete.

**American Council French Grammar Test, Selection Type.** By Frederic D. Cheydleur. Published: 1927. Purpose: to measure pupils' achievement in French. Range: high-school and college French. Time to give: 22 minutes. Time to score: short. Standardized: yes.

This test consists of 50 questions of the multiple-response type. Each question is made up of an English sentence followed by 4 French translations, one of which is correct. Such phases of grammar as tenses, moods, and idiomatic constructions of verbs, partitive constructions, uses of the article and other parts of speech are included. Reference: University of Wisconsin, Bureau of Educational Research, *Bulletin* No. 8.

Publisher: Bureau of Educational Research, University of Wisconsin.

Price: no information.

**Columbia Research Bureau French Test.** By A. A. Meras, Suzanne Roth, and Ben Wood. Published: 1926. Purpose: to measure pupils' achievement in French. Range: high school and college. Time to give: 90 minutes. Time to score: 5 minutes. Standardized: yes.

This test consists of 3 parts. Part I is made up of 100 French words. Each word is followed by 5 English words from which the student selects the correct meaning. Part II consists of 75 statements

in French to be followed by a plus sign if true, or by a zero if false. Part III is a grammar test made up of 100 English sentences. Each one is followed by an incompleted French translation—to be completed. Forms A and B are available. This test replaces the Meras-Roth-Wood French Scale.

Publisher: World Book Co.

Price: \$1.30 per package of 25; specimen set, 20 cents.

**Handschin's Modern Language Tests: Comprehension and Grammar Test A: French.** By C. H. Handschin. Published: 1919. Purpose: to diagnose difficulties in French grammar. Range: first-year classes in high school French. Time to give: 10 minutes. Time to score: 1 minute. Standardized: yes.

The test is made up of 6 easy French sentences. Each sentence has a blank to be filled by the pupil. Five minutes are given in which to study the sentences and fill the blanks, then the pupil is to turn the paper over and reproduce the sentences in French as he remembers them. After the pupil has reproduced the sentences, he is to rewrite them on the same sheet, changing person, number, and time.

Publisher: World Book Co.

Price: \$1 per 50 copies, complete; specimen set containing 1 each of above 3 tests and 1 "Silent Reading Test A: Spanish," 1 copy of each record sheet and 1 copy of methods of scoring, 20 cents.

**Handschin's Modern Language Tests: Silent Reading Test A: French.** By C. H. Handschin. Published: 1919. Purpose: to measure ability of pupils in elementary French. Range: first 2 years of French in high school or university. Time to give: 5 minutes. Time to score: 1 minute. Standardized: yes.

The test is composed of 12 exercises. Each contains a statement followed by a question. The pupil's answer is to be given in French. The sentences are arranged in order of difficulty.

Publisher: World Book Co.

Price: \$1 per 50 tests, complete; specimen set, 20 cents.

**Handschin's Modern Language Tests: Silent Reading Test B: French.** By C. H. Handschin. Published: 1919. Purpose: to measure ability to read connected discourse in French. Range: first 2 years of high school French. Time to give: 10 minutes. Time to score: short. Standardized: yes.

The test is composed of 2 paragraphs of connected French with a total of 192 words. The pupil is given 1 minute in which to read the selection. At the end of the time he is asked to turn his paper over and answer in French or English 10 questions on the selection.

Publisher: World Book Co.

Price: \$1 per 50 tests, complete.

**Henmon's French Tests.** By V. A. C. Henmon. Published: 1921. Purpose: to measure pupils' ability to reproduce sentences, including vocabulary and grammatical principles studied. Range: end of one year or more of French. Time to give: 8 minutes for vocabulary

and 12 minutes for sentences. Time to score: 4 to 5 minutes. Standardized: yes.

The tests are made up of 2 parts: (1) The French vocabulary tests A and B, (2) French sentence tests I and II. In the vocabulary tests a space is left at the right of each word for its English meaning. Each word is weighted, and its value written at the left of the word. The sentence tests are composed of 12 sentences each. Space is left after each for the pupil to write its English equivalent. The sentences are weighted and the value written at the left of each.

Publisher: World Book Co.

Price: 50 cents per package of 25 tests, complete; specimen set containing 1 each of the 4 tests, complete, 10 cents.

**Iowa Placement Examinations.** By George Dinsmore Stoddard, G. E. Vander Beke, and C. E. Young. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

French Series FT-1, Training. Part 1 consists of 50 French words for which the English equivalent is to be given; Part 2 is a test of French grammar consisting of 30 items; Parts 3A and 3B, French idioms and tenses of verbs; Part 4 measures French reading comprehension.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series complete with directions and scoring keys for either form A or B, plus transportation; specimen copy, either form, 5 cents postpaid.

**Meras-Roth-Wood French Scale.** By A. A. Meras, Suzanne Roth, and Ben D. Wood. This scale has been replaced by the Columbia Research Bureau French Test by the same authors.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Starch's French Reading and Vocabulary Tests.** By Daniel Starch. Published: 1916. Purpose: to measure ability in French. Range: 4 years of French. Time to give: no information. Time to score: no information. Standardized: tentatively.

The reading test is composed of 30 sentences arranged in order of increasing difficulty. The sentences were selected by taking sentences at regular intervals from the class texts and reading material. The vocabulary test is composed of 2 sets of 100 words each, selected from Spirs and Sarenner's large French dictionary. The words were selected by using words that occur at regular intervals thru the entire vocabulary. The pupils were to write the English derivative.

Publisher: University Coöperative Co.

Price: *out of print.*

**Twigg French Vocabulary Tests.** By Alice M. Twigg. Published: no information. Purpose: to measure the number and value of the

French words for which the pupil knows the more common meanings. Range: first 4 years of French. Time to give: 30 to 40 minutes. Time to score: short. Standardized: yes.

This test is made up of 150 French words for which the English meaning is to be given. The first 50 words are listed alone and the last 100 are used in sentences.

Publisher: Harvard University Press.

Price: \$1.25 per lot of 25, complete (sold only in lots of 25); specimen set, 25 cents.

## GERMAN

**American Council Alpha German Test.** By V. A. C. Henmon, B. Q. Morgan, C. M. Purin, and Stella M. Hinz. Published: 1926. Purpose: to test pupils' knowledge in German. Range: high school and college. Time to give: 45 minutes for each part. Time to score: 5 minutes for each part. Standardized: yes.

This test is in 2 booklets, Part I and Part II. Part I consists of a vocabulary test of the multiple-response type made up of 100 German words; and a functional grammar test of the best-answer type made up of 50 German statements. Part II consists of a picture about which a composition is to be written in German; and a silent reading test consisting of 7 German paragraphs of increasing difficulty, with questions on each paragraph, the answers to be given in German. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.25 per package of 25 booklets of each form, complete; specimen set, 35 cents postpaid, 1 copy of each form and part, complete.

**American Council on Education German Reading Scales.** By M. J. Van Wagenen and Sophia Hubman Patterson. Published: 1927. Purpose: to test pupils' ability to associate ideas in German. Range: high school. Time to give: no time limit. Time to score: short. Standardized: yes.

These scales are made up of 2 divisions. Scale A, Division 1, is for the first and second years of German; Scale A, Division 2, for third and fourth years. They are made up of 15 paragraphs written in German. Following each paragraph are statements, one or more of which are to be checked, which contain an idea that is in the paragraph or that can be derived from it. Divisions 1 and 2 of scales B, C, and D are in preparation.

Publisher: Public School Publishing Co.

Price: 75 cents, plus postage, per package of 25 scales and a record sheet.

**Columbia College Placement Examination in German.** By F. Betz, G. A. Betz, H. G. Wendt, and B. D. Wood. *Out of print.* Replaced by the Columbia Research Bureau German Test.

**Columbia Research Bureau German Test.** By C. M. Purin and Ben D. Wood. Published: 1926. Purpose: to test pupils' ability to recog-



nize, comprehend, and use German correctly. Range: high school and first 3 years of college. Time to give: 90 minutes. Time to score: short. Standardized: yes.

This test consists of 3 parts: Part I, a vocabulary test of the alternative answer form, made up of 100 German words followed by 5 English words. A choice must be made and the number corresponding to that word placed in a space provided for it. Part II is a comprehension test. Seventy-five statements are made in German which must be followed by a + sign if true and a O sign if false. Part III is a grammar test. A set of 100 incomplete sentences are to be completed by inserting 1, 2, or 3 words in each blank.

Publisher: World Book Co.

Price: \$1.30 per package of 25; specimen set, 20 cents.

**Starch's German Reading and Vocabulary Test.** By G. M. Whipple and Daniel Starch. For description, see Whipple's German Vocabulary Test.

**Whipple's German Vocabulary Test.** By G. M. Whipple and Daniel Starch. Published: 1917. Purpose: to measure reading vocabulary. Range: graduate students. Time to give: 20 to 30 minutes. Time to score: 5 minutes or less. Standardized: tentatively.

The test is composed of 100 German words to be written in English. The test is not a test in the sense of ordinary school tests as it is intended to be "used to see whether students preparing to take doctor's degrees know enough German to venture to try their German educational reading examination."

Publisher: G. M. Whipple, University of Michigan.

Price: not published for general distribution.

## SPANISH

**American Council Alpha Spanish Test.** By Milton A. Buchanan, J. P. W. Crawford, and Hayward Keniston. Published: 1927. Purpose: to measure achievement and progress in Spanish. Range: high school and college. Time to give: 45 minutes. Time to score: 4 minutes. Standardized: yes.

This test is made up of 2 parts. Part I measures ability in vocabulary and grammar. The vocabulary test is of the multiple-response type and consists of 100 Spanish words. The grammar test consists of 17 questions in grammar, most of the questions being of the completion type. Part II measures ability in silent reading and written composition. The reading test consists of 8 passages in Spanish to be read, each one followed by several questions on the content of the passage. The composition test is made up of a picture about which a composition is to be written in Spanish. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.25 per package of 25, each part and form; specimen set, 35 cents, complete.

**American Council Beta Spanish Test.** By Frank Callcott, Robert H. Williams, and Ben D. Wood. Published: 1927. Purpose: to measure pupils' achievement in Spanish. Range: junior and senior high schools. Time to give: 30 minutes for each part. Time to score: short. Standardized: yes.

This test consists of 3 parts. Part I is a vocabulary test consisting of 100 Spanish words; Part II is a comprehension test, consisting of 60 statements in Spanish, arranged according to difficulty; Part III is a grammar test, consisting of 65 English sentences, each of which is followed by an incomplete translation, which is to be completed by student. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.30 per package of 25, complete; specimen set, 25 cents, postpaid.

**Columbia Research Bureau Spanish Test.** By Frank Callcott and Ben D. Wood. Published: 1926. Purpose: to test a pupil's ability to understand Spanish vocabulary, to comprehend statements, and to translate with grammatical correctness. Range: high school and first three years of college. Time to give: 90 minutes. Time to score: short. Standardized: yes.

The test consists of 3 parts as follows: Part I is a vocabulary test of the alternative answer form, consisting of 100 Spanish words, each of which is followed by 4 or 5 English words. The student is to indicate the English word that corresponds in meaning to the Spanish word. Part II is a comprehension test, consisting of 75 statements in Spanish, carefully graded as to difficulty. The statements are to be checked as true or false. Part III is a grammar test, consisting of 100 English sentences, each of which is followed by an incomplete translation, which must be completed. Form A and B are available.

Publisher: World Book Co.

Price: \$1.30 per package of 25; specimen set, 20 cents.

**Contreras-Broom-Kaulfers Test of Silent Reading in Spanish.** By M. S. Contreras, Eustace Broom, and W. Kaulfers. Published: 1927. Purpose: to measure pupils' silent reading ability in Spanish. Range: first 3 years of high school Spanish. Time to give: 20 minutes. Time to score: short. Standardized: in process.

This test is made up of 20 paragraphs in Spanish, each of which is followed by a question and a series of 5 words. The word which answers the question correctly is to be underlined. Forms A and B are available.

Publisher: Public School Publishing Co.

Price: not yet determined.

**Contreras-Broom-Kaulfers Test of Spanish Vocabulary.** By Maria de la Soledad S. Contreras, Eustace Broom, and Walter Kaulfers. Published: 1927. Purpose: to measure pupils' vocabulary in Spanish. Range: first 3 years of high school Spanish. Time to give: 25 minutes. Time to score: short. Standardized: in process.

This is a test of the matching type, consisting of 67 series of Spanish and English words. In each series there are 4 Spanish words followed by 4 English words. The pupil marks a Spanish word and an English word which are most nearly alike in meaning. Forms A, B, and C are available.

Publisher: Public School Publishing Co.

Price: not yet determined.

**Handschin's Modern Language Tests: Silent Reading Test A: Spanish.**

By C. H. Handschin. Published: 1919. Purpose: to measure pupils' ability in elementary Spanish. Range: first 2 years of high school Spanish. Time to give: 5 minutes. Time to score: 1 minute. Standardized: yes.

The test is composed of 14 exercises written in Spanish. The pupil is to answer in Spanish as many of them as possible in 5 minutes.

Publisher: World Book Co.

Price: \$1 for 50 tests, complete, plus transportation.

**Handschin's Modern Language Tests: Silent Reading Test B: Spanish.**

By C. H. Handschin. Published: 1920. Purpose: to measure pupils' ability to derive the meaning of a selection of connected discourse. Range: first 2 years of Spanish. Time to give: 6 minutes. Time to score: short. Standardized: no information.

The test is composed of 2 short connected paragraphs in Spanish. The pupil is given 1 minute in which to read the selection, then he is asked to turn his paper over and answer in Spanish or English, 10 questions asked on it.

Publisher: World Book Co.

Price: \$1 for 50 tests, complete.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and G. E. Vander Beke. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

Spanish Series ST-1, Training: Part 1 consists of 50 Spanish words for which the English equivalent is to be given; Part 2 is a test of Spanish grammar; Part 3, idioms and verb forms; Part 4 measures Spanish reading comprehension.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies complete with directions and scoring keys for either form A or B, plus transportation; specimen copy, either form, 5 cents postpaid.

**University of Porto Rico General Ability Test.** By F. C. Walters. For description, see "Composite."

**University of Porto Rico General Ability Test for High School Graduates.** By F. C. Walters and Malvina L. Monefeldt. For description, see "Composite."

**The Wilkins Achievement Tests in Spanish.** By Lawrence A. Wilkins. Published: 1926. Purpose: to measure pupil progress in Spanish. Range: first-year Spanish. Time to give: no information. Time to score: no information. Standardized: no.

The test is made up of 4 tests, to be used at equal intervals during the school year to measure progress in the study of Spanish. Each test is divided into 8 parts, including pronunciation, syllabication, accentuation, vocabulary, idioms, grammar, verbs, and comprehension. The test was devised for use with the *New First Spanish Book*, by Wilkins, but may be used with other texts. Forms A, B, and C are available.

Publisher: Henry Holt and Co.

Price: \$1.20 per package of 25, any test; 10 cents per copy.

## SCIENCE

### GENERAL SCIENCE

**Denver Curriculum Tests in General Science.** By Denver Public Schools. Published: 1926. Purpose: to measure achievement in general science. Range: grades 7 and 8. Time to give: 30 minutes. Time to score: 1 minute. Standardized: locally.

Three separate general science tests are devised, one for grade 7B, one for 7A, and one for 8A. Each of these is made up of multiple-response and true-false questions on general topics and terms used in general science.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Downing's Range of Information Test.** By E. R. Downing. Published: 1920. Purpose: to test information in general science. Range: grade 7 to college sophomore. Time to give: no information. Time to score: rather long. Standardized: yes.

There are 3 tests or lists of words and phrases to be defined. Each list contains 50 words or terms. The test is given by having pupils put E beside words and phrases he can explain or define, F beside those he has heard before but that are not clear, and N before those that are new. He is directed to define the first 5 marked E. The grade is determined from the 5 given. Reference: *School Science and Mathematics*, February, 1926.

Publisher: University of Chicago Bookstore.

Price: 40 cents per 100.

**Dvorak General Science Scales.** By August Dvorak. Published: 1924. Purpose: to measure general science information and ability to apply that information. Range: junior and senior high school. Time to give: 20 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 3 forms. Form R-1 is the easiest form. Forms S-2 and T-2 are equivalent and more difficult. Each form is

made up of 3 groups of 20 statements each of the multiple-response type dealing with the ordinary content of general science courses.

Publisher: Public School Publishing Co.

Price: specimen set, 50 cents.

**Giles-Thomas-Schmidt General Science Examination.** By J. T. Giles, S. M. Thomas, and H. W. Schmidt. Published: 1926. Purpose: to measure a pupil's knowledge in the different scientific principles. Range: junior high school. Time to give: no information. Time to score: short. Standardized: no information.

This test is made up of two series, A and B. Series A consists of 22 separate tests including a true-false test and a multiple-choice test on each of the following 11 subjects: heavenly bodies; atmosphere; water; rocks and soils; bacteria and disease; foods and clothing; plants and animals; energy, work, and machines; light and sound; heat and radiant energy; electricity and magnetism. Series B consists of 24 separate tests made up in the same form as series A on each of the above subjects, and also on physical and chemical properties of matter.

Publisher: Eau Claire Book and Stationery Co.

Price: \$3 per dozen complete sets, postpaid, or 30 cents per single set.

**North Carolina High-School Senior Examination.** By M. R. Trabue. For description, see "Composite."

**Odell Scales for Rating Pupils' Answers to Nine Types of Thought Questions in General Science.** By Charles W. Odell. Published: 1927. Purpose: to measure achievement in general science. Range: junior and senior high school. Time to give: no time limit. Time to score: short. Standardized: tentatively.

These scales include 10 specimens, in order of value, of answers to each of 9 different types of thought questions in general science. The types of questions include analysis, cause or effect, comparison, criticism, discussion, explanation, relationship, reorganization, and summary. *One scale is needed for each teacher or examiner.*

Publisher: Bureau of Educational Research, University of Illinois.

Price: no information.

**Powers General Science Test: Form A.** By S. R. Powers. Published: 1926. Purpose: to test a pupil's knowledge of general science. Range: grades 7-9. Time to give: 30 minutes. Time to score: short. Standardized: tentatively.

This test is divided into 3 parts. Part I contains 30 sentences of the multiple-response type concerning information usually taught in general science courses. Part II contains 25 separate lists of general science terms that are defined by association with word meanings. Part III contains 15 sentences of the multiple-response type over other material of the same general type as found in Part I.

**Publisher:** Bureau of Publications, Teachers College, Columbia University.

**Price:** no information.

**The Ruch-Popenoe General Science Test.** By G. M. Ruch and H. F. Popenoe. Published: 1923. Purpose: to measure the accomplishment of pupils in general and elementary science courses. Range: general science classes. Time to give: 40 to 45 minutes. Time to score: 5 to 10 minutes. Standardized: yes.

The test is made up of 2 parts. Part I is composed of 50 exercises of the multiple-response type dealing with ordinary facts studied in general science. Part II consists of 20 figures including diagrams of apparatus, biological structures, and charts, about each of which a number of questions are asked. Forms A and B are available.

**Publisher:** World Book Co.

**Price:** \$1.50 per package of 25 examination booklets, Form A or B, complete; specimen set, 25 cents.

**Ruch's Range of Information Test in General Science.** By G. M. Ruch. Published: 1919. Purpose: to measure information in general science. Range: general science classes. Time to give: 30 to 45 minutes. Time to score: 10 minutes. Standardized: yes.

The test is made up of 50 terms derived by the survey of the general science texts in use. The pupils are to define or explain the terms in the test.

**Publisher:** G. M. Ruch or Leo H. Cossman, University of Oregon; also World Book Co.

**Price:** *out of print.*

**Toops General Science Test.** By H. A. Toops. Published: 1919. Purpose: to measure knowledge in general science. Range: college freshmen. Time to give: 16 minutes. Time to score: short. Standardized: no.

This test is made up of 50 questions on facts in general science. Each question is to be answered by one word. The test is based on Caldwell and Elkenberry's *General Science* book. Reference: *School Science and Mathematics*, March, 1925.

**Publisher:** not available for general distribution.

**Van Wagenen's Reading Scales: General Science, Scale A.** By M. J. Van Wagenen. For description, see "Reading."

## BIOLOGY

**Cooprider's Information Exercises in Biology.** By J. L. Cooprider. Published: 1924. Purpose: to test a pupil's knowledge of biology. Range: high school. Time to give: 25-40 minutes. Time to score: short. Standardized: tentatively.

This test covers the common content of biology courses. It is made up of 6 exercises of different types including the completion, recognition, information, best reason, classification, and logical selection types.

Publisher: Public School Publishing Co.

Price: 50 cents per package of 25; specimen set, 10 cents.

**Detroit Examinations in Biology.** By Detroit Public Schools. Published: 1927. Purpose: to measure pupils' knowledge in biology. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

The examination for Biology 1, Part I, is made up of exercises in biology of the best-answer, completion, and matching types on general phases of biology; classification of animals; and identification of parts shown in diagrams. Part II is made up of questions on each of the functions of skin, skeleton, nervous system, and amoeba; identification of parts shown in diagrams; matching test on birds; fact questions in biology; classification of insects as helpful or harmful; and test in the gains and losses in blood. The examination for Biology 2, Part I, is made up of exercises in biology of the best answer type; identification of parts shown in a diagram; classification of leaves and plants. Part II is made up of exercises in characteristics of living green plants, and living animals; comparison of green plants to industrial plants, identification of parts shown in diagrams, and fact questions in biology.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Grier Range of Information Test in Biology.** By N. M. Grier. Published: 1918. Purpose: to measure range of information in biology. Range: grades 8 thru high school. Time to give: no information. Time to score: short. Standardized: no information.

This test is made up of 3 parts: one in physiology, one in botany, and one in zoology. Each part consists of 100 words used in that particular field of biology. The pupil is to designate which words he can define or explain, and which are vaguely familiar or wholly unfamiliar to him. He is then asked to define 10 of those which he has marked as words he can define. Reference: *Journal of Educational Psychology*, April and September, 1918.

Publisher: not available for general distribution.

**Jordan-Foran Biology Tests.** By E. B. Jordan and T. G. Foran. Published: 1926. Purpose: to test pupils' knowledge of biology. Range: high school. Time to give: 8 to 15 minutes. Time to score: about 4 minutes. Standardized: yes.

This test is divided into 4 tests. Test I consists of 40 statements of the multiple-response type covering general information of biology. Test II consists of 18 statements of the best answer type covering practical phases of biology. Test III is a test in the identification of biological structures. Test IV consists of 3 paragraphs containing

sentences of the completion type covering certain phases of development. Forms A and B are available.

Publisher: The Catholic Education Press.

Price: \$1 per package of 25 tests; specimen set, 15 cents.

**Richards Biology Test.** By Oscar W. Richards. Published: 1927. Purpose: to measure achievement in biology. Range: high school and college. Time to give: 30 to 40 minutes. Time to score: 2 or 3 minutes. Standardized: yes.

This test is made up of 100 multiple-response type questions on biology, including questions on practical values of biology, digestion, classification, relations of biology, history of biology, and general biology.

Publisher: C. H. Stoelting Co.

Price: no information.

**Ruch-Cossman Biology Test.** By G. M. Ruch and Leo Cossman. Published: 1924. Purpose: to measure accomplishment in biology. Range: high school and college biology classes. Time to give: 45 minutes. Time to score: 4 to 6 minutes. Standardized: yes.

The examination booklet contains 5 tests in biology. Test 1 contains 40 questions of the multiple-response type, dealing with general phases of biology. Test 2 contains 18 questions of the best-answer type on the same subject. Test 3 is an identification test in which the pupil is to identify 15 structures from drawings. Test 4 is a test in comprehension of the Mendelian inheritance theory. Test 5 is made up of 5 short paragraphs of the completion type on general biological facts. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.50 per package of 25 examination booklets, complete; specimen set, 25 cents, postpaid.

## BOTANY

**Caldwell's Science Tests (Botany, Chemistry, Physics, Zoölogy).** By O. W. Caldwell. For description, see "Science—Miscellaneous."

**Grier Range of Information Test in Biology.** By N. M. Grier. For description, see "Biology."

**Michigan Botany Test.** By O. W. Laidlaw and Clifford Woody. Published: no information. Purpose: to determine the pupil's mastery of botany. Range: first-year botany. Time to give: 25 minutes. Time to score: short. Standardized: yes.

This test is made up of 4 parts. Test I deals with information; Test II, the understanding of terms; Test III, matching botanical terms and descriptive phrases; and Test IV, the practical phases of botany. Tests I, II, and III are each composed of 20 exercises, and Test IV is made up of 10 problems.

Publisher: Public School Publishing Co.

Price: \$1 per package of 25; specimen set, 15 cents.



## CHEMISTRY

**Bell's Test in First-Year Chemistry.** By J. Carleton Bell. Published: 1918. Purpose: to test achievement in chemistry. Range: first-year chemistry classes. Time to give: no time limit. Time to score: 2 minutes. Standardized: yes.

The test is composed of 25 questions on first-year chemistry. The primary object of the study was to determine what high-school pupils in Texas know about first-year chemistry. The questions were framed in such a way that most of the answers could be marked right or wrong. Reference: *School Science and Mathematics*, May, 1918.

Publisher: not published for general distribution.

**Bowser's General Chemistry Tests.** By J. W. Bowser. Published: not yet published. For information, write to J. W. Bowser, Waynesburg, Pa.

**Caldwell's Science Tests (Botany, Chemistry, Physics, and Zoölogy).** By O. W. Caldwell. For description, see "Science—Miscellaneous."

**Coöperative Chemistry Tests.** By Seth Hayes. Published: 1921. Purpose: to measure information in chemistry possessed by students of chemistry. Range: first-year high school chemistry. Time to give: 35 minutes. Time to score: no information. Standardized: yes.

This test is made up of 4 sets of 25 questions, each dealing with the general content of first-year high school chemistry. The tests are to be given orally. Reference: *Journal of Educational Research*, September, 1921.

Publisher: not published for general distribution.

**Detroit Examination in Chemistry.** By Detroit Public Schools. Published: 1926. Purpose: to test pupils' knowledge in chemistry. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: locally.

This test is made up of 2 parts. Part I consists of exercises in chemistry of the true-false type, fact questions, test in writing symbols of elements, valence test, and chemistry problems. Part II consists of questions in chemistry of the multiple-response and completion types, tests in formulas, and equations to be solved.

Publisher: Detroit Public Schools, Detroit, Mich

Price: no information.

**General Chemistry Test.** By F. A. Moss, W. M. Loman, W. Middleton, and H. F. Hubbard. Published: 1927. Purpose: to measure achievement in chemistry. Range: college. Time to give: 45 minutes. Time to score: short. Standardized: no information.

This test is divided into 5 parts. Test 1 is a completion type test consisting of 4 sentences concerning general phases of chemistry. Test 2 is a test in chemical formulas. Test 3 is a true-false test consisting of 100 statements on general chemical facts. Test 4 is a test in

the completion of chemical formulas. Test 5 is made up of 5 problems in chemistry.

Publisher: Center for Psychological Service.

Price: \$4.50 per 100, 5 cents per copy.

**Gerry Test of High-School Chemistry.** By Henry Lester Gerry. Published: 1922; revised, 1927. Purpose: to measure achievement in elementary chemistry. Range: high-school chemistry. Time to give: 50 minutes. Time to score: 3 minutes. Standardized: yes.

This test is made up of 25 questions of various types dealing with different phases of high school content. These questions vary in difficulty. Forms A and B are available. Reference: *Harvard Bulletin in Education*, Number IX.

Publisher: Ginn and Co.

Price: 48 cents for pad of 30.

**Glenn-Welton New Types of High-School Chemistry Tests for Instructional Purposes.** By Earl R. Glenn and Louis E. Welton. Published: 1922. Purpose: to assist in teaching and to diagnose pupil difficulties. Range: first-year chemistry. Time to give: 15 to 40 minutes. Time to score: 5 to 10 minutes. Standardized: yes.

This set of tests is designed to cover all the topics usually taught during the high-school chemistry course. The 36 tests making up the set are each based on a particular unit of the work, each consisting of from 20 to 60 items. The tests are of various types, including the true-false, completion, multiple-response, and fact-question types. These tests may be used as a teaching device.

Publisher: Earl R. Glenn and Louis E. Welton, 425 West One-hundred-twenty-third St., New York City, N.Y.

Price: no information.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and others. Published: Form A, 1925; Form B, 1926. Purpose: to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

Chemistry Series CA-1, Aptitude. Part 1 is devoted to simple arithmetic of chemistry; Part 2 is a measure of knowledge of content and relations in selected paragraphs; Part 3, chemistry reading comprehension; Part 4, interest in chemistry.

Chemistry Series CT-1, Training. Part 1 consists of 25 questions of the true-false type measuring knowledge of fundamentals of chemical processes; Part 2, 27 equations of the recall type covering valences, formulas, and equations; Part 3, 40 questions of true-false type emphasizing manufacturing processes and the applications of chemistry; Part 4, 10 fundamental chemistry problems in which computation is reduced to a minimum.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series, complete, plus transportation; specimen copy, either form, 5 cents postpaid.

**Powers General Chemistry Test.** By S. R. Powers. Published: 1922. Purpose: to test achievement in general chemistry. Range: classes in general chemistry. Time to give: Scale A, 18 minutes; Scale B, 15 minutes. Time to score: short. Standardized: yes.

The Powers Chemistry Test consists of 2 tests, A and B. Test A is composed of 30 exercises or "tasks." This is a test of ability to do tasks in chemistry. The exercises are arranged in 3 groups with 10 exercises in each. An average value is given for each group. Test B is a multiple-response test made up of 60 statements on general chemistry. Forms 1 and 2 are available.

Publisher: World Book Co.

Price: \$1.80 per package of 25 examination booklets complete, either Form 1 or Form 2; specimen set, 20 cents postpaid.

**Rauth-Foran Chemistry Test.** By J. W. Rauth and T. G. Foran. Published: 1924. Purpose: to measure students' knowledge in chemistry. Range: students of high school chemistry. Time to give: varies according to the exercise. Time to score: about 2 minutes. Standardized: yes.

This test is made up of Test I and Test II. Test I consists of 4 exercises. Exercise 1 is a classification test of a number of substances. Exercise 2 is a test in formulas or symbols. Exercise 3 is a true-false test on general facts concerning chemistry. Exercise 4 is a test in problem solving. Test II consists of 3 exercises. Exercise 1 is a test in formulas or symbols. Exercise 2 is a completion test, covering general phases of chemistry, and exercise 3 is a test in problem solving. Reference: *Catholic Educational Review*, May and November, 1924.

Publisher: The Catholic Education Press.

Price: \$1 per package of 25 tests of either Test I or Test II; specimen set, 15 cents.

**Rich's Chemistry Test.** By S. G. Rich. Published: 1923. Purpose: to measure attainment in chemistry. Range: high school and college. Time to give: 25 minutes. Time to score: 2 minutes. Standardized: yes.

Attainment is measured in (a) ability to think, (b) information, (c) ability to solve numerical problems, and (d) habits and knowledge acquired from work in the laboratory. Tables are given also, for converting T scores into the usual per cent grading or grading by letters. "Two tests, called Gamma and Epsilon, are now on the market. Standards are available for attainment from the middle of the first semester of study through four semesters of work."

Publisher: Public School Publishing Co.

Price: \$1 per package of 25 tests, either Gamma or Epsilon; Teacher's Manual, 15 cents each; specimen set, 20 cents.

**Rivett's Comprehension Test in Chemistry.** By R. J. Rivett. Published: 1924. Purpose: to measure some phases of achievement in chemistry. Range: all classes in Chemistry I and II. Time to give:

Test 7, Form A, 5 minutes; Test 8, Form B, 12 minutes; Test 9, Form A, 10 minutes. Time to score: short. Standardized: no.

There are 3 tests in this series: Test 7, Form A, on General information; Test 8, Form B, on Equation writing; Test 9, Form A, on Problems on hydrogen and oxygen.

Publisher: B. J. Rivett, Northwestern High School, Detroit, Mich.  
Price: no information.

**Rivett's Time Limit Test in Chemistry.** By B. J. Rivett. Published: 1920. Purpose: to test pupils' ability in chemistry. Range: first-year chemistry. Time to give: 1½ to 6 minutes each. Time to score: no information. Standardized: partially.

There are 6 separate tests: (1) Form A, Symbols of elements; (2) Form A, Valence and formulas; (3) Form B, Elements; (4) Form B, Valence and formulas; (5) Form A, Naming compounds; (6) Form A, Writing formulas. Each test contains from 20 to 40 exercises. Reference: *School Science and Mathematics*, April, 1923.

Publisher: B. J. Rivett, Northwestern High School, Detroit, Mich.

Price: \$1 per 100; one set of directions and score sheet is supplied with each 25 tests; specimen set, 15 cents.

**Webb Test of Previous Information in Chemistry.** By Hanor A. Webb.

Published: 1919. Purpose: to measure what pupils already know as a basis for the study of chemistry. Range: beginning of first-year chemistry. Time to give: 30 minutes. Time to score: 1 minute. Standardized: no information.

The test is composed of questions on elements, mixtures, and compounds. A list of 50 well-known substances are given consisting of 9 elements, 32 mixtures, and 9 compounds. The pupils are asked to define each class of matter and arrange the 50 words under proper headings. Reference: *Journal of Educational Psychology*, January, 1919.

Publisher: H. A. Webb, George Peabody College for Teachers.

Price: not published for general distribution.

## PHYSICS

**Black-Burlingame Test in Elementary Physics: Form A.** By N. Henry Black and Frances M. Burlingame. Published: 1925. Purpose: to measure pupils' knowledge of physics. Range: students studying elementary physics. Time to give: no information. Time to score: no information. Standardized: yes.

This test consists of 3 parts. Part I is made up of 26 true-false statements in general physics principles. Part II is made up of 11 statements of the completion type on the same subject. Part III is made up of 23 statements of the single-choice type dealing with meaning of terms used in physics. Forms A and B are available.

Publisher: Ginn and Co.

Price: no information.

**Caldwell's Science Tests (Botany, Chemistry, Physics, Zoölogy).** By O. W. Caldwell. For description, see "Science—Miscellaneous."

**Camp's Iowa Physics Test.** By H. L. Camp. Published: 1920. Purpose: to measure pupils' knowledge of principles in physics and their ability to apply them. Range: first-year high-school physics. Time to give: 40 to 50 minutes. Time to score: about 1 minute. Standardized: yes.

The test is composed of 3 distinct scales of 11 or 12 questions each concerning problems and principles in physics. The questions have been selected so that about half of them measure "knowledge of fundamental principles" and half "ability to make useful applications of such knowledge." The scales derived are: (1) Mechanics, (2) Heat, (3) Electricity and magnetism.

Publisher: Public School Publishing Co.

Price: Forms 1 and 2, Mechanics, Heat, Electricity and Magnetism, per package of 25 tests, 50 cents each. Teachers' Manual, 15 cents; specimen set, 15 cents.

**Chapman Test in Electricity and Magnetism, Sound, and Light.** By J. Crosby Chapman. Published: 1919. Purpose: to test pupils' information in physics. Range: high-school physics classes. Time to give: 10 minutes. Time to score: 1 minute. Standardized: no information.

The test is composed of 30 questions on electricity and magnetism, sound, and light. The questions are evaluated and arranged in order of difficulty.

Publisher: J. C. Chapman, Yale University.

Price: 25 cents per copy.

**Columbia Research Bureau Physics Test.** By Herman W. Farwell and Ben D. Wood. Published: 1926. Purpose: to measure achievement in physics. Range: high school and college. Time to give: 1 hour, 15 minutes. Time to score: approximately 2 minutes. Standardized: yes.

This test covers the material common to the most widely used texts and essentials of the requirements laid down by recognized college entrance examining agencies. The test consists of 144 true-false statements arranged in approximate order of difficulty, from easy to difficult. They include information and reasoning questions, with a preponderance of weight on reasoning and problem solving. Forms A and B are available.

Publisher: World Book Co.

Price: \$1.30 per package of 25 examination booklets; specimen set, 25 cents.

**Detroit Examination in Physics.** By Detroit Public Schools. Published: 1927. Purpose: to measure pupils' knowledge in physics. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

This test is made up of 2 parts. Part I is made up of exercises in physics of the best-answer and completion types, formulas, and units of measure. Part II is made up of exercises of the true-false type,

fact questions, classification of motions, and problems, all dealing with the general content of physics.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Franzén Test in the Applied Physics of Mechanics, Heat, and Sound.** By Carl G. F. Franzén. Published: 1927. Purpose: to measure the extent of application that pupils make of the principles learned in class to the phenomena of ordinary life situations. Range: high school and university. Time to give: 30 minutes. Time to score: short. Standardized: no.

This test consists of a list of 40 principles of physics followed by 40 applications of those principles in ordinary life activities—20 in mechanics, 10 in heat, and 10 in sound. The pupil is to match the activity with the proper principle.

Publisher: not yet published for general distribution.

**Glenn-Obourn New Types of High School Physics Tests for Investigational and Instructional Purposes.** By Earl R. Glenn and E. L. Obourn. Published: 1919, 1920; revised, 1922-23. Purpose: to measure achievement in physics. Range: high school. Time to give: 10 to 40 minutes. Time to score: about 10 minutes. Standardized: yes.

"The tests are made up of 26 tests, Forms A and B, designed to cover all of the topics usually taught during the high school physics course." Test 1, for example, is on the measurement of length, mass, time, and density. It is made up of 30 questions. Each question is followed by 4 answers, 3 of which are incorrect. The pupil answers by drawing a line under the correct word and writes its number in the parentheses at the right of the question.

Publisher: Earl R. Glenn and E. S. Obourn, 425 West One-hundred-twenty-third St., New York City, N.Y.

Price: no price quoted. Tests have been supplied free of charge to cooperating high schools.

**The Hughes Physics Scales.** By J. M. Hughes. Published: 1926. Purpose: to test the progress of pupils, diagnose difficulties of pupils, and to rank the pupils in achievement and assign grades. Range: high-school physics. Time to give: 20 to 37 minutes, according to the scale given. Time to score: no information. Standardized: yes.

There are 4 of these scales. Two scales measure information, and two measure thought. The items in the information scales are those ordinarily emphasized in the teaching of physics. The items in the thought scales were chosen to call forth the pupil's reasoning process in obtaining correct answers, and to test his ability to make use of the information learned in the course.

Publisher: Public School Publishing Co.

Price: 50 cents per package for each division; specimen set, 15 cents.

**Hurd's Physics Tests.** By A. W. Hurd. Published: not yet published. For information, write to A. W. Hurd, University High School, Minneapolis, Minn.

**Iowa Achievement Examinations in College Physics, Series A-2 to A-8 inclusive.** By C. J. Lapp. Published: 1926. Purpose: to measure achievement in physics. Range: students of first-year college physics. Time to give: 45 minutes for each of series except A-4 and A-8 which are 90 minutes each. Time to score: 2 minutes for each of series except A-4 and A-8 which are 4 minutes each. Standardized: yes.

These examinations consist of series A-2 to A-8 inclusive. Each series contains 4 parts. Part 1 contains statements of the true-false type; Part 2, statements of completion type; Part 3A, equations to be completed; Part 3B, laws or principles to be named; Part 4, problems to be solved.

Publisher: Extension Division, University of Iowa.

Price: \$3 per 100 copies of each series, plus transportation; specimen copy of each series, 5 cents postpaid.

**Iowa Placement Examinations.** By George Dinsmore Stoddard and others. Published: Form A, 1925; Form B, 1926. Purpose: to measure previous training in certain subjects, and to measure those factors which contribute to subsequent success in these subjects. Range: college freshmen. Time to give: 40 to 45 minutes. Time to score: 2 minutes. Standardized: yes.

Physics Series PA-1, Aptitude. Part 1 measures the simple arithmetic of physics; Part 2, measures knowledge of content and relations in selected paragraphs; Part 3 deals with logic relations; Part 4 is an interest test.

Physics Series PT-1, Training. Part 1 consists of 40 statements of the completion type on fundamental knowledge and principles; Part 2, same as Part 1, arranged as true-false items; Part 3, completion of physical equations and knowledge of certain laws; Part 4, 15 fundamental physical problems in which computation is reduced to a minimum.

Publisher: Extension Division, University of Iowa.

Price: \$3.50 per 100 copies of each series complete with directions and scoring keys for either form A or B, plus transportation; specimen copy, either form, 5 cents postpaid.

**Peters-Watkins Objective Tests for High School Physics.** By C. J. Peters and R. K. Watkins. Published: 1926. Purpose: to test knowledge of principles in physics and ability to apply that knowledge. Range: high school. Time to give: 10 minutes for each test. Time to score: 5 minutes for each test. Standardized: tentatively.

This series of tests is made up of 17 tests, each containing 2 parts. Part I is for the purpose of testing knowledge of fundamental principles in physics and Part II for the purpose of testing ability to

apply those principles. The tests are on the subjects of mechanics, heat, light, sound, magnetism, and electricity.

Publisher: C. J. Peters, University High School, Columbia, Mo.

Price: \$20 per 100 booklets; 25 cents per booklet containing all tests.

**The Place of Numerical Problems in High-School Physics.** By D. P. Randall. No information available.

**Randall, Chapman, and Sutton's Test in Mechanics.** By D. P. Randall and others. No information available.

**Starch's Physics Test.** By Daniel Starch. Published: 1916. Purpose: information test. Range: first year physics. Time to give: 15 to 20 minutes. Time to score: about 5 minutes. Standardized: yes.

The test is composed of 75 mutilated statements on mechanics, heat, sound, light, and magnetism and electricity. If the spaces are properly filled, the statement is correct.

Publisher: University Coöperative Co.

Price: 2 cents per sheet.

**Thurstone's Vocational Guidance Physics Test.** By L. L. Thurstone. For description, see Thurstone's Vocational Guidance Tests under "Vocational."

**Tilton's Physics Completion Tests.** By Harry Whiting Tilton. Published: 1921 and 1922. Purpose: to test pupils' information in physics and to diagnose their difficulties. Range: grades 11 to first year of college. Time to give: 20 minutes. Time to score: 5 to 10 minutes. Standardized: partially.

This test is composed of 12 parts, as follows: (1) Measurements, density, and mechanics of fluids; (2) Force and motion; (3) Force and motion; (4) Work and mechanical energy; (5) Thermometry and expansion coefficients; (6) Review; (7) Magnetism; (8) Static electricity; (9) Electricity in motion; (10) Light; (11) Sound; (12) Review. Each part is made up of a number of exercises of the completion type.

Publisher: Harry W. Tilton, South High School, Pittsburgh, Pa.

Price: \$1.50 per 100; sample package, 10 tests, 50 cents; sample package, 5 tests, 25 cents; copies of tests when 25 or more of a test are desired, 2 cents each.

## MISCELLANEOUS

**Caldwell's Science Tests (Botany, Chemistry, Zoölogy, and Physics).**

By Otis W. Caldwell. Published: 1919. Purpose: to measure ability in observation and discrimination, to recall and use previous information, and to interpret reasons for occurrences in science. Range: grades 7, 8, and 12. Time to give: no information. Time to score: no information. Standardized: no.

The tests are arranged in 3 groups of 3 tests each. Group 1 deals with observation and discrimination; Group 2 deals with pupils' abilities



to recall past experiences in nature studies; Group 3 deals with the interpretation of things which change under the observation of the pupil. Reference: *The Gary Public Schools, Science Teaching*, by O. W. Caldwell, published by the General Board of Education, 1919.

Publisher: not published for general distribution.

**Herring Tests of Scientific Thinking.** By J. P. Herring. Published: no information. Purpose: to test ability to think scientifically. Range: grades 9-12. Time to give: no information. Time to score: no information. Standardized: no information.

This test consists of 93 exercises which are designed to test powers of selection, values, definition, comparison, classification, etc. Reference: *Journal of Educational Psychology*, December, 1918, and November, 1919.

Publisher: not available for general distribution.

**Hunter-Moss Tests in Bacteriology.** By Oscar B. Hunter and F. A. Moss. Published: 1925. Purpose: to select bacteriologists. Range: persons studying bacteriology. Time to give: 60 minutes. Time to score: 10 minutes. Standardized: yes.

This series of tests is made up of 4 tests. Test 1 contains 50 multiple-response type and 50 true-false items, concerning organisms, methods, infection, and immunity. Test 2 contains 10 problems in recognition and diagnosis of bacterial micro-organisms. Test 3 is a test in laboratory procedure. Test 4 is a test in identification of micro-organisms from lantern slides.

Publisher: Bureau of Public Personnel Administration.

Price: 20 cents per copy; 6 to 20 copies, 10 cents each; 21 to 49 copies, 9 cents each; 50 to 99 copies, 8 cents each; 100 or more copies, 7 cents each; set of scoring stencils, \$2.

**Iowa Comprehension Test, Series B-1, D-1, and D-2.** By C. E. Seashore and others. For description, see "Reading."

**Iowa High-School Content Examination.** By G. M. Ruch and others. For description, see "Composite."

**Maxwell First-Year Science Tests.** By P. A. Maxwell. Published: no information. Purpose: to measure achievement in science. Range: high school. Time to give: no information. Time to score: no information. Standardized: yes.

This test is made up of 30 information items and 8 reasoning questions in science. The questions are weighted according to difficulty. Series A and B are available.

Publisher: P. A. Maxwell, Avalon, Pa.

Price: no information.

**Omnibus Achievement Test.** By C. W. Odell. For description, see "Composite."

**Stanford Achievement Test.** By Truman L. Kelley, G. M. Ruch, and Lewis M. Terman. For description, see "Composite."

**Tests in Pathology.** By Oscar B. Hunter, Tomas Cajigas, and F. A. Moss. Published: 1925. Purpose: to select pathologists. Range: persons studying pathology. Time to give: 135 minutes. Time to score: 10 minutes. Standardized: yes.

This series of tests is made up of 4 tests. Test 1 consists of 120 true-false items and 50 multiple-response items on general and special pathological conditions. Test 2 is a test in laboratory procedure. Test 3 contains descriptions of 10 cases for diagnosis. Test 4 is a test in recognition and diagnosis of pathological conditions by microscopic examination.

Publisher: Bureau of Public Personnel Administration.

Price: 20 cents per copy; 6 to 20 copies, 12 cents each; 21 to 49 copies, 10 cents each; 50 to 99 copies, 9 cents each; 100 or more copies, 8 cents each; set of scoring stencils, \$2.

**Webb Test in Laboratory Resourcefulness.** By H. A. Webb. Published: 1922. Purpose: to test laboratory resourcefulness. Range: high school and college. Time to give: 5 minutes. Time to score: short. Standardized: partially.

This test deals partly with chemistry and partly with physics. It consists of a series of 13 tests in the setting up and manipulation of apparatus. The questions are designed to show which pupils cannot be trusted to work alone in a laboratory with chance of success. Pupils work individually on the test. Reference: *School Science and Mathematics*, April, 1922.

Publisher: H. A. Webb, George Peabody College for Teachers, Nashville, Tenn.

Price: not available for general distribution.

## COMMERCIAL

### GENERAL

**Bureau Tests VI, VII, and VIII.** By Bureau of Personnel Research, Carnegie Institute of Technology. Published: 1919. Purpose: to select stenographers. Range: high school and college. Time to give: Test VI, 15 minutes; Test VII, 2 to 4 minutes for each part; Test VIII, 2 to 5 minutes for each part. Time to score: short. Standardized: yes.

This Bureau group is composed of an intelligence test and 2 tests on general fitness for office work. Test VI is a measure of the applicant's mental capacity. The test is an adaptation of the U.S. Army Test. The items are so selected and arranged as to give no advantage to specialists in any line. Test VII is a stenographic test. The test is divided into 6 parts: spelling, writing, business letters, copying, correcting business letters, and copying unfamiliar material. Test VIII is made up of 5 parts: copying and correcting business letters, use of symbols for words,

and cross-out tests. The test brings out ability to follow directions and adapt one's self quickly to different types of work.

Publisher: Bureau of Personnel Research, Carnegie Institute of Technology.

Price: 10 cents.

**Business Aptitude Test.** By F. A. Moss, K. T. Omwake, T. Hunt. Published: 1926. Purpose: to assist in giving an indication of one's natural adaptability to various types of business vocations of junior grade. Range: junior and senior high school. Time to give: 35 minutes. Time to score: 4 minutes. Standardized: for business school and employment groups.

The test consists of 6 separate parts: Test 1, Observation and judgment, measured by true-false tests; Test 2, Memory of names and faces, measured by ability to associate names and faces; Test 3, Comprehension, measured by interpretation of proverbs; Test 4, Reasoning, measured by ability to work reasoning problems in arithmetic; Test 5, Meaning of words, measured by ability to recognize words thru same and opposite method; Test 6, Following directions. All the tests are entirely objective in scoring.

Publisher: Center for Psychological Service.

Price: \$7.50 per 100, complete.

**Cody's Commercial Tests and How to Use them.** By Sherwin Cody. Published: 1919. Purpose: to measure business ability. Range: no information. Time to give: 5 to 20 minutes. Time to score: short. Standardized: no information.

The tests are published in a handbook (216 pages). The book is made up of 2 parts. The first part consists of 56 pages of discussions on the problems of testing and its place in school and business. Part 2 consists of tests on all phases of business abilities, as tests in letter-writing, typewriting, bookkeeping, English, arithmetic, etc. The tests are designed to measure students' work in terms of business standards. This book includes the National Business Ability Test, and the Professional Tests for Teachers by Bathurst, Knight, Ruch, and Telford.

Publisher: World Book Co.

Price: \$1.20 per copy, postpaid.

**The National Business Ability Tests.** By Business Standards Association. Published: 1915. Purpose: to measure ability to perform common operations in the business office. Range: office boys and girls, clerks, and stenographers. Time to give: 60 minutes. Time to score: short. Standardized: yes.

The tests include tests for 5 different classes of employees. Test 1 is for office boys and girls and measures ability in adding, spelling, writing a letter of application, and mental ability. Test 2 is for general clerks and measures ability in reproducing instructions, handling fractions and percentage, accuracy in copying and alphabetizing, and writing of a letter of application. Test 3 is for stenographers and tests ability in reproduction, spelling, punctuation, copying, taking a dictated

letter and transcribing, and writing a letter of application. Test 4 is for stenographers of secretarial class and includes the same kind of tests as test 3 and also a test in grammar and one in the composing of 3 letters in answer to letters of inquiry. Test 5 is for bookkeeping clerks and measures speed and accuracy in arithmetic, clerical accuracy, in handling checks, invoice forms, etc., copying of addresses, and alphabetizing. Speed and accuracy are important in all the tests. Two series have been developed. This test is included in Cody's *Commercial Tests and How to Use Them*.

Publisher: World Book Co.

Price: not available except in Cody's *Commercial Tests and How to Use Them*; \$1.20 per copy, postpaid.

**Thurstone Employment Tests.** By L. L. Thurstone. For description, see Thurstone's Clerical Examination, and the Proficiency Test for Typists, which make up these tests.

### CLERICAL

**Benge's Clerical Test K.** By Eugene J. Benge. Published: 1922. Purpose: to classify applicants according to clerical ability. Range: applicants for clerical positions. Time to give: 20 minutes. Time to score: 1 minute. Standardized: yes.

This test is made up of 4 types of problems including: A, verifying the correctness of simple arithmetic problems; B, extending totals in bookkeeping; C, checking; and D, classifying correspondence. The test consists of 100 questions. The various types of problems are in no definite order.

Publisher: C. H. Stoelting Co.

Price: \$5 per package of 25 tests; \$15 per 100; set of 3 scoring stencils, 65 cents; instructions and tables, 45 cents.

**Clerical Tests.** By Bureau of Public Personnel Administration. Published: 1926. Purpose: to measure clerical ability. Range: applicants for clerical positions. Time to give: 90 minutes. Time to score: no information. Standardized: no information.

This series of tests consists of 4 tests. Test 1 is a test in clerical terms, records, and practices; Test 2, in the understanding of literature relating to clerical work; Test 3, in social intelligence; and Test 4, in the understanding and following of written directions.

Publisher: Bureau of Public Personnel Administration.

Price: no information.

**I. E. R. General Clerical Test.** By The Institute of Educational Research, Teachers College. Published: 1922. Purpose: to be used to diagnose clerical ability. Range: grades 7 and 8. Time to give: 40 minutes. Time to score: no information. Standardized: yes.

This test is made up of 10 tests. Test 1 is of the true-false type made up of 120 problems in addition and subtraction. Test 2 is a test in code writing consisting of 2 parts. Test 3 is a speed test made up

of 50 groups of figures which are to be copied on the back of the page. Test 4 is a test in the comprehension of a chart. Test 5 consists of 30 sentences of the multiple-response type. Test 6 is a test of the association of word meanings. Test 7 consists of 20 questions to be answered, the words of which are written backwards. Test 8 is a test of 30 statements of the true-false type. Test 9 is a speed test in addition. Test 10 is a test in the location of designated points on a chart.

Publisher: Institute of Educational Research, Teachers College, Columbia University.

Price: 7 cents each.

**O'Rourke's Clerical Aptitude Test.** By L. J. O'Rourke. For description, see "O'Rourke Series of Aids in Placement and Guidance" under "Vocational."

**Ruggles Test of Clerical Aptitude.** By Allan M. Ruggles. Published: 1920. Purpose: to test ability to do clerical work. Range: commercial department of high schools. Time to give: 33 minutes. Time to score: about 5 minutes. Standardized: yes.

This is a sampling test based on an analysis of the work of office clerks. It is made up of 6 exercises. Exercise 1 is a test in checking errors in copying; Exercise 2, a test in quick recognition of the values of figures; Exercise 3, a test in alphabetizing; Exercise 4, a test in elementary accounting; Exercise 5, a test in elementary bookkeeping; and Exercise 6, a test in the 4 fundamentals of arithmetic.

Publisher: Bureau of Educational Research, University of Oklahoma.

Price: \$1 per package of 25.

**Thurstone Error Checking Test.** By L. L. Thurstone. Published: no information. Purpose: to test ability in checking errors. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

This test consists of a number of examples in addition and subtraction with answers which the examinee is to check.

Publisher: C. H. Stoelting Co.

Price: \$2.50 per 100 tests; specimen set, 10 cents.

**Thurstone's Clerical Examination.** By L. L. Thurstone. Published: 1919; revised, 1922. Purpose: to measure ability to do clerical work. Range: applicants for clerical positions. Time to give: no time limit. Time to score: short. Standardized: yes.

The examination is composed of 8 tests measuring different phases of clerical ability. Test 1 measures ability to check errors in figures, Test 2, to detect words spelled incorrectly in written matter; Test 3 is a cross-out test of letters; Test 4, a matching test of figures and letters; Test 5, a matching test of names and cities; Test 6, an elementary bookkeeping test; Test 7, a test of 12 commercial arithmetic problems;

and Test 8, a matching test of meanings of proverbs. This is one of the Thurstone Employment Tests.

Publisher: World Book Co.

Price: \$1.50 per package of 25 examination booklets, complete; specimen set, 15 cents.

### FILING

**Filing Test.** By the Scott Company. Published: 1926. Purpose: to be used in selecting filing clerks. Range: filing clerks. Time to give: no time limit. Time to score: short. Standardized: no information.

This test consists of 6 sub-tests. Test I is a test in comparison of names or figures; Test II, in alphabetical grouping; Test III, in regular alphabetizing; Test IV, in logical arrangement of numbers; Test V, in comprehension of sentences; Test VI, in comprehension of paragraphs.

Publisher: C. H. Stoelting Co.

Price: \$5.60 per package of 25; \$16.80 per package of 100; specimen set, 56 cents.

### SHORTHAND

**Blackstone's Stenographic Proficiency Tests.** By E. G. Blackstone. Published: 1923. Purpose: to measure speed and accuracy in type-writing. Range: commercial schools or business institutions. Time to give: 3 minutes. Time to score: 5 minutes. Standardized: yes.

This test consists of standard business letters to be typed. The work is measured in terms of strokes, with a formula for combining speed and accuracy. On the first page of each test folder is an individual progress record. Forms A, B, C, D, and E are available.

Publisher: World Book Co.

Price: \$1 per package of 25, each form; specimen set, 25 cents, postpaid.

**Detroit Examination in Shorthand.** By Detroit Public Schools. Published: 1927. Purpose: to measure pupils' knowledge in shorthand. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

This test is made up of 2 parts. Part I is made up of a vocabulary test, test on shorthand principles, reading test, and a test in shorthand penmanship. Part II is made up of a test in reading shorthand, shorthand principles, and a test in dictation and speed.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Edwards Standardized Tests in Stenography and Typewriting.** By I. M. Edwards. Reference: *Chicago School Journal*, November, 1920.

**Hoke Measuring Scale for Gregg Shorthand Penmanship.** By Elmer R. Hoke. Published: 1922. Purpose: to measure pupils' ability to write shorthand. Range: pupils studying Gregg shorthand. Time to give: 2 to 5 minutes. Time to score: short. Standardized: no.

The scale is composed of 16 samples of shorthand writing, ranging in value from 0 to 95. A sample of shorthand may be measured by sliding it along the scale until a specimen of corresponding quality is found. "The number above it represents the value of the sample of shorthand penmanship being graded." *One scale is needed for each teacher or examiner.*

Publisher: Gregg Publishing Co.

Price: 25 cents.

**Hoke Measuring Scale for Knowledge of Gregg Shorthand.** By Elmer Hoke. Published: 1922. Purpose: to measure pupils' ability to read Gregg shorthand. Range: pupils studying Gregg shorthand. Time to give: 3 minutes. Time to score: short. Standardized: no.

This test consists of 1,000 words most commonly used in shorthand study and 500 of the phrases most commonly used. There are 21 columns of words, each column containing a list of words of equal difficulty.

Publisher: Gregg Publishing Co.

Price: 25 cents per copy.

**Hoke Prognostic Test of Stenographic Ability.** By Elmer Hoke. Published: 1922. Purpose: to predict stenographic ability. Range: pupils studying stenography. Time to give: 20 to 30 minutes. Time to score: 4 minutes. Standardized: in process.

There are 7 tests, as follows: (1) Motor reaction, (2) Speed of handwriting, (3) Quality of handwriting, (4) Speed of reading, (5) Memory, (6) Spelling, (7) Symbols. Motor reaction is tested by having the pupils make marks in small boxes or parallel lines with cross-sections which they construct on the test paper. Speed in writing is based upon the number of letters written per minute. Quality of writing is measured by the Ayres Handwriting Scale. The other tests are made up of appropriate material to bring out the qualities intended to be measured.

Publisher: Gregg Publishing Co.

Price: 1½ cents per copy.

**Hoke Series of Tests in Gregg Shorthand.** By Elmer Hoke. Published: 1922. Purpose: to measure ability to read and write Gregg shorthand and to use an ordinary vocabulary. Range: classes in Gregg shorthand. Time to give: Test A1, 3 minutes; Test B1, 2 minutes; Test C1, no time limit. Time to score: 1 to 5 minutes, varying with the test. Standardized: yes.

These tests are made up of 3 separate tests. Test A1 is a test of reading ability and is composed of 2 business letters to be read. Speed and accuracy are both important. Tests B1 and B2, equivalent forms, are tests of speed in writing shorthand. The test is made up of an article of 400 words printed in both longhand and shorthand. The pupil is to copy the shorthand as neatly and rapidly as he can. Tests

C1-10 are tests in vocabulary. Each test contains 100 common words and 50 common phrases.

Publisher: Gregg Publishing Co.

Price: 30 cents per complete set of 13 tests; single copies of any one test, 3 cents.

**Rogers' Stenographic and Typist Tests.** By Herbert W. Rogers and Margaret Jaques. Published: 1921. Purpose: to measure stenographic ability. Range: stenographers. Time to give: 15 minutes. Time to score: 3 minutes. Standardized: yes.

These tests consist of 6 stenographic tests which are arranged in groups. Group A, for typists, consists of tests 2, 4, 5, and 1; Group B, for general stenographers, consists of tests 1, 2, 3, 4, and 5; Group C, for taking dictation, consists of tests 3, 1, and 2; Group D, for typewriting, consists of tests 4 and 5; and Group E, for grammar, spelling, and punctuation, consists of tests 3, 1, and 6. The tests are given individually. Reference: *Journal of Applied Psychology*, September, 1917.

Publisher: C. H. Stoelting Co.

Price: \$6.50 per 100 tests with blank and directions for use.

**Rollinson Diagnostic Shorthand Tests.** By Ethel A. Rollinson. Published: 1924. Purpose: to measure class's work and individual's work in the first 4 chapters of *Gregg Shorthand Manual*. Range: students studying Gregg shorthand. Time to give: from 2 to 5 minutes for each test. Time to score: short. Standardized: yes.

These tests are made up of 4 tests: A, Knowledge of principles; B, Penmanship ability; C, Facility of writing; and D, Reading ability, for each of the first 4 lessons in the *Gregg Shorthand Manual*.

Publisher: Gregg Publishing Co.

Price: 4 cents for one copy of each of the 4 tests; specimen set, 25 cents, complete.

**Saphier-Smyth Stenographic Achievement Tests.** By Conrad J. Saphier and Thomas J. Smyth. Published: no information. Purpose: to test pupils' knowledge of shorthand fundamentals. Range: 4 semesters of shorthand. Time to give: 5 to 10 minutes. Time to score: short. Standardized: yes.

This is a test in shorthand fundamentals made up of 4 tests, one for each of the 4 semesters. Each shorthand test consists of 2 parts. No. 1 is made up of 25 true-false statements on shorthand theory. No. 2 is a recognition test of 25 sentences to be completed by one or more words or letters to make a true stenographic statement. This test is adapted to Isaac Pitman stenography.

Publisher: no information.

Price: no information.

**Shellow Stenographic and Typist Test.** By Sadie Myer Shellow. Not yet published. Publisher: C. H. Stoelting Co. No further information available.



**Stenographic Performance Tests.** By Committee on Classification of Personnel. Reference: *Journal of Commercial Education*, September, 1927. No further information available.

### TYPING

**Denver Curriculum Test in Typewriting.** By Denver Public Schools. Published: 1927. Purpose: to measure achievement in typewriting. Range: grades 9-12. Time to give: Part I, 43 minutes, Part II, 30 minutes. Time to score: short. Standardized: locally.

This test is made up of 2 parts. Part I is made up of 4 tests, including a test dealing with knowledge of the keyboard and correct fingering, a matching test dealing with knowledge of the principal parts of the typewriter, a multiple-response test dealing with the correct use and spacing of punctuation marks, and a test in proof-reading. Part II is made up of 4 tests in typing copy in which accuracy and ability to follow directions are tested.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Edwards Standardized Tests in Stenography and Typewriting.** By I. M. Edwards. For description, see "Shorthand."

**Gronert Prognostic Test in Typewriting.** By Mary L. Gronert. Published: 1925. Purpose: to test ability to learn to typewrite. Range: high school. Time to give: 1 to 1½ minutes. Time to score: short. Standardized: locally.

This test is made up of 3 separate tests to be given at intervals of 6 and 4 days, respectively. Each test is made up of 100 letters for which certain numbers are to be substituted in typing. Reference: *Journal of Educational Psychology*, March, 1925.

Publisher: not published for general distribution.

**Lynch Prognostic Test in Typewriting.** By Mary A. Lynch. Published: 1925. Purpose: to measure ability to succeed in typewriting. Range: high school. Time to give: 1½ minutes. Time to score: short. Standardized: partially.

This test is made up of 100 occurrences of 7 letters chosen in the key. The pupil is to write below each of the letters the numbers that appear below the letters in the key. Reference: *Journal of Educational Psychology*, October, 1925.

Publisher: not published for general distribution.

**Rogers' Stenographic and Typist Tests.** By Herbert W. Rogers and Margaret Jaques. For description, see "Shorthand."

**Shellow Stenographic and Typist Test.** By Sadie Myer Shellow. For description, see "Shorthand."

**Thurstone Proficiency Test for Typists.** By L. L. Thurstone. Published: 1920. Purpose: to select office clerks, typists, and junior

stenographers. Range: clerks and stenographers. Time to give: no time limit. Time to score: short. Standardized: yes.

The test is composed of 3 parts. Part 1 consists of a typewritten copy that has been corrected. The pupil is to write it as corrected. Speed and accuracy are important factors. Part 2 consists of a number of items to be written in tabular form under the proper headings. Part 3 consists of 60 words, some of which are misspelled. The pupil is to cross out the words that are incorrectly spelled. This is one of the Thurstone Employment Tests.

Publisher: World Book Co.

Price: \$1.50 for 25 booklets, complete; specimen set, 15 cents.

### BOOKKEEPING

**Carlson Bookkeeping Tests.** By P. A. Carlson. Published: 1925. Purpose: to test a pupil's accuracy in the principles of bookkeeping. Range: pupils studying bookkeeping. Time to give: no time limit. Time to score: short. Standardized: partially.

This is a group of 6 tests in bookkeeping. Test 1 is arranged in 4 sections, namely: test on journalizing; posting; theory (true-false type); theory (completion type). Test 2, 4 sections: journalizing; special journals; posting and trial balance; financial statements. Test 3, 6 sections: special journals; journalizing; posting and trial balance; financial statements; closing the ledger; theory—general rules, and definitions. Test 4, 4 sections: business forms (recognition test); business practice (true-false test); negotiable instruments (recognition test); negotiable instruments (completion test). Test 5, 5 sections: recording transactions; posting and trial balance; correcting and adjusting entries; classification of accounts; closing and post-closing entries. Test 6, 5 sections: adjusting entries; trial balance; classification of accounts; closing and post-closing of entries; theory and general principles.

Publisher: South-Western Publishing Co.

Price: no information.

**Denver Curriculum Test in Bookkeeping I.** By Denver Public Schools. Published: 1927. Purpose: to measure achievement in the first semester of bookkeeping. Range: grades 9-12. Time to give: 40 minutes. Time to score: short. Standardized: locally.

This test is made up of 6 tests. Test I is a true-false test and Test II a completion type test on general facts concerning bookkeeping. Test III is a test of the matching type in the use of special journals. Test IV is the same type as Test III and deals with journalizing. Test V is a test in the making of a trial balance. Test VI is a multiple-response test concerning general knowledge in bookkeeping.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Detroit Examinations in Bookkeeping.** By Detroit Public Schools. Published: 1926. Purpose: to measure pupils' knowledge in bookkeep-

ing. Range: high school. Time to give: 30 minutes for each part. Time to score: short. Standardized: no information.

The examination for Bookkeeping 1, Part I, is made up of a list of questions in bookkeeping of the true-false type, a test in posting, and a test in the classification of accounts. Part II is made up of a list of questions each of the completion and best-answer types, and a test in debit and credit. The examination for Bookkeeping 2, Part I, is made up of a number of questions of the completion type, and a test in debit and credit. Part II is made up of a number of questions of the true-false and completion types, a test in profit and loss, and questions pertaining to commercial papers.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

#### **Philadelphia Standard Progressive Achievement Test in Bookkeeping.**

By Stanley D. Birath. Published: not yet published. Purpose: to measure the progress of pupils in bookkeeping. Range: high school. Time to give: about 25 minutes. Time to score: 6 minutes. Standardized: in process.

This test is made up of 4 sections: section A, for students having completed 1 term of bookkeeping; section B, for students having completed 2 terms; section C, for students having completed 3 terms; and section D, for students having completed 4 terms in bookkeeping. These sections are made up of 5 parts each covering the following phases of bookkeeping: accounting, theory of bookkeeping, profit and loss, drafts and notes.

Publisher: Philadelphia Public Schools, Philadelphia, Pa.

Price: not yet determined.

### COMMERCIAL ARITHMETIC

**Kinney Commercial Arithmetic Scales.** By L. B. Kinney. For description, see "Mathematics."

### SPECIAL SUBJECTS

#### HOME ECONOMICS

**The Bowman and Trilling Information and Reasoning Test in Textiles and Clothing.** By Leona F. Bowman and Mabel B. Trilling. Published: 1920. Purpose: to measure ability in certain phases of home economics. Range: high school. Time to give: no information. Time to score: no information. Standardized: yes.

This test covers the subjects of textiles, dress design, sewing, and house planning. The reasoning test is entirely of the best-answer type. The information test is made up of 5 exercises dealing with the production and manufacture of materials and phases of dressmaking. The information tests are of the best-answer, completion, true-false, and multiple-response types. Reference: *Home Economics in American*

*Schools, Supplementary Educational Monographs, Department of Education, University of Chicago.*

Publisher: not available for general distribution.

**Broom-Lovelace Home Mechanics Test.** By ——— Broom and ——— Lovelace. Reference: *High School Teacher*, September, 1927. No further information available.

**Denver Curriculum Test in Home Economics.** By Denver Public Schools. Published: 1926. Purpose: to measure knowledge of the relation of food to health. Range: grade 7B. Time to give: 40 minutes. Time to score: short. Standardized: locally.

This test is devised to be given pupils who have completed the course in "Food in Relation to Health."

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Goodspeed-Dodge Preliminary Judgment Test in Home-making.** By Helen Goodspeed and Bernice Dodge. Published: 1920. Purpose: to measure judgment in home economics. Range: grades 8 thru high school. Time to give: 2½ minutes. Time to score: short. Standardized: no information.

This test is composed of 16 exercises of the best answer type dealing with the value and preparation of foods and with general information in housekeeping.

Publisher: The Parker Co.

Price: 5 cents each, or 75 cents per 100.

**Home Economics Information Test.** By Students in Teachers College, Columbia University. Published: no information. Purpose: to measure information in home economics. Range: girls completing the eighth grade. Time to give: 30 to 60 minutes for each set. Time to score: short. Standardized: no information.

This test is composed of 3 sets of tests: (1) Textiles, (2) Foods, and (3) Household management. The sets are similar in construction. The exercises of each test are made up of statements of the multiple-response type.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 15 cents per set of 1 copy of each of the 3 booklets, complete; specimen set, 35 cents.

**Illinois Information Test on Foods.** By Test Committee of the Illinois Home Economics Association. Published: 1924. Purpose: to measure knowledge of foods. Range: high-school students in home economics. Time to give: 35 minutes. Time to score: 10 minutes. Standardized: yes.

This test consists of a series of 100 questions on foods with multiple-choice answers. The test is divided into 14 sections: (1) function and

composition, (2) digestion and absorption of foods, (3) meal selection, (4) food preparation, (5) principles employed in the preparation of different foods, (6) leavening agents, (7) food sanitation, (8) food economics, (9) preservation and storage of foods, (10) meal service and etiquette, (11) fuels and cooking apparatus, (12) housewifery, (13) food adjuncts, (14) sources of common foods.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25 tests; specimen set, 10 cents.

**King Measuring Scale in Foods.** By Florance B. King. This is a preliminary form of the King-Clark Foods Test for grades 6 thru 12.

**King-Clark Foods Test for Grades 6 thru 12.** By Florance B. King and Harold F. Clark. Published: 1924. Purpose: to measure ability in the study of foods. Range: grades 6 thru 12. Time to give: 30 minutes. Time to score: short. Standardized: yes.

This test consists of a series of 60 statements of the best answer type, dealing with food values, preparation of foods, cooking materials, and table etiquette.

Publisher: World Book Co.

Price: 5 cents each; 10 or more copies, 1 cent each; manual of directions, 10 cents.

**Leary-Dry Technical Information Test for Girls.** Revised edition. By Daniel B. Leary and Richard R. Dry. Published: 1924. Purpose: to measure technical knowledge in home economics. Range: girls studying home economics. Time to give: no information. Time to score: short. Standardized: no information.

This test consists of 100 general questions of the single-choice type on various phases of home economics.

Publisher: C. H. Stoelting Co.

Price: \$2.20 per package of 25 copies; \$6.60 per package of 100 copies; specimen set, 22 cents; manual of directions, 30 cents.

**McAdam Domestic Science Tests.** By Grace P. McAdam. Published: 1921. Purpose: to test pupils' knowledge in domestic science. Range: high school. Time to give: 10 minutes for each test. Time to score: 5 minutes for each test. Standardized: yes.

This test consists of 5 tests in home economics as follows: Test I, Classification of foods; Test II, Function of foods; Tests III, IV, and V, tests in the preparation of a meal. Forms A and B are available.

Publisher: Detroit Public Schools, Detroit, Mich.

Price: no information.

**Murdoch Analytic Sewing Scale for Separate Stitches.** By Katharine Murdoch. Published: 1922. Purpose: primarily for pupils to use in measuring their own work. Range: no information. Time to give: no information. Time to score: no information. Standardized: norms for the Murdoch Sewing Scale may also be applied to this scale.

The scale is to be used as a supplement to the Murdoch Sewing Scale. "It is a means of measuring separately the fine sewing stitches: running, backstitching, overcasting, combination, and hemming."

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 25 cents.

**Murdoch's Sewing Scale.** By Katharine Murdoch. Published: 1919.

Purpose: to measure pupil's progress in sewing. Range: grades 2-12. Time to give: no information. Time to score: no information. Standardized: yes.

The scale is made up of 15 sewing samples arranged in the order of merit. The values range from 0 to 16.4. The author describes the scale as follows: "Each contains 3 views of the same sewing sampler. One view gives the full-size view, sewing a hem, a seam, hemming, basting, running, backstitching, overcasting, and combination stitch. A second view shows the reverse side of the seam, and of the overcasting, basting, and backstitching. A third view shows the reverse side of the hem, of the hemming stitch, basting, running, and combination stitch. The numerical value for each entire sampler is printed on it." A sample may be measured by comparing it with the views in the scale. *One copy* of the scale is needed for each teacher or examiner.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$1.50 each, postpaid.

**Richmond's Measurement of Informational Facts in Food Study.** By Jean Richmond. Published: 1925. Purpose: to measure information concerning the selection, preparation, and use of food. Range: high school. Time to give: 55 minutes. Time to score: short. Standardized: no information.

This test is made up of 12 parts, each part dealing with a separate subject, such as animal foods, vegetables, batters, doughs, etc. The test includes 186 questions in all, 10 to 30 being in each part. The questions are of the multiple-response type. Forms A and B are available. Reference: *Journal of Home Economics*, November, 1925.

Publisher: not published for general distribution.

**Stevenson-Trilling Tests in Comprehension of Patterns.** By L. Stevenson and M. Trilling. Published: no information. Purpose: to test a pupil's ability to perform the necessary steps in the use of patterns. Range: home economics students, grades 7-12. Time to give: no time limit. Time to score: short. Standardized: in process.

The materials of this test are divided into 5 divisions. Test 1, for recognition of parts of patterns, is a group of drawings of patterns which are to be identified by corresponding letters. Test 2 is a comprehension test of pattern lines. Test 3 tests pupils' ability to place parts of a pattern together correctly by using corresponding notches. Test 4, an alteration of pattern test, presents a group of patterns to be marked with lines of alteration. Test 5 shows pictures of both materials and

patterns. It tests pupils' ability to place patterns in regard to folds of the goods, design, and warp.

Publisher: Public School Publishing Co.

Price: \$1 per package of 25 tests; specimen set, 15 cents.

**Stiebeling-Worcester Chart for Diagnosing Defects in Buttonholes.** By Hazel K. Stiebeling and Dean A. Worcester. Published: 1922. Purpose: to diagnose defects in buttonholes. Range: no information. Time to give: no time limit. Time to score: no information. Standardized: yes.

The chart is made up of 8 qualities designed to aid teachers in instruction as well as to set up an objective standard by which pupils may discover the good and poor qualities of their own work. Each specimen has comments printed at the right which call attention to the strong and weak points. *One chart is needed for each teacher.*

Publisher: Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: 17 cents postpaid; 3 or more copies, 15 cents each.

**Streeter-Trilling Test at the Completion of Food Preparation Courses in the Junior High School.** By Nina Streeter and Mabel B. Trilling. Published: 1927. Purpose: to test pupils' ability to judge the best way of preparing foods. Range: junior high school. Time to give: 17 minutes. Time to score: short. Standardized: no information.

This is a test of the multiple-choice type, composed of 25 exercises dealing with the proper preparation of food.

Publisher: Public School Publishing Co.

Price: 75 cents, plus postage, per package of 25 tests and direction sheet.

**The Williams and Knapp Scale for Measuring Skill in Machine Sewing.** By Florence Williams and Clara B. Knapp. Published: 1920. Purpose: to measure ability in machine sewing and diagnose difficulties. Range: elementary and high school. Time to give: no information. Time to score: no information. Standardized: no.

This scale measures the making of seams, hems, etc., on the sewing machine. Such things as tension, length of stitch, spacing, constructive elements, and neatness are considered. Reference: *Home Economics in American Schools*, Department of Education, University of Chicago.

Publisher: not published for general distribution.

Price: Monograph *Home Economics in American Schools*, \$1.15.

## MUSIC

**Beach's Standardized Music Tests.** By Frank A. Beach. Published: 1920. Purpose: to measure achievement in music. Range: grades 2-12. Time to give: 90 minutes. Time to score: 2 minutes. Standardized: yes.

The tests are made up of 62 questions on 5 different phases of music as follows: (1) Symbols; (2) Ear training; (3) Eye training; (4) Ear

and eye training, correlation between notation and melody; (5) Sight reading; (6) Writing; (7) Visualization; (8) Sight singing.

Publisher: Bureau of Educational Measurements and Standards, Kansas State Normal School.

Price: \$2 net for 50 copies; specimen set and manual of instructions, 35 cents, containing manual, standard sheet, and test sheet, 50 cents, postpaid.

**Fullerton Standardization Tests in Music for Rural Schools.** By C. A. Fullerton. Published: 1921, 1922, and 1923. Purpose: to test pupils' recognition and appreciation of different phases of music. Range: grades 4-8. Time to give: 1 minute. Time to score: 1 minute. Standardized: yes.

These tests are attainment tests in minimum essentials of music. The work is to be conducted with the phonograph and done mainly in concert, but the tests are to be taken individually. Reference: *A One-Book Course in Elementary Music and Selected Songs for Schools*, by Charles A. Fullerton.

Publisher: Fullerton and Gray, Cedar Falls, Iowa.

Price: Music book including tests, 75 cents, 60 cents in quantities cash with order. Copies of test sent free of charge with copy of book, upon application.

**Gildersleeve Music Achievement Tests.** By Glenn Gildersleeve. Reference: Teachers College, *Contributions to Education*, Columbia University, 1921. No further information available.

**Hillbrand Sight-Singing Test.** By E. K. Hillbrand. Published: 1924. Purpose: to obtain an objective measure of the ability of a pupil in the mechanics of oral sight reading in vocal music as an indication of progress made and the diagnosis of difficulties. Range: grades 4-6. Time to give: 10 minutes. Time to score: 5 minutes. Standardized: yes.

This is an individual test. It consists of 6 little songs of 2 or 3 lines each. A pupil is told to sing, and each type of error is separately marked so that a diagnosis can be made of the child's difficulties in sight-singing.

Publisher: World Book Co.

Price: \$1 per package of 25 examination booklets, complete; specimen set, 10 cents, postpaid.

**Hutchinson Music Test.** By Herbert E. Hutchinson and L. W. Pressey. Published: 1924. Purpose: "to test ability in silent reading and recognition of musical scores from known songs and operas." Range: grades 7-12. Time to give: no time limit. Time to score: short. Standardized: tentatively.

This test consists of groups of musical scores from songs and operas. Under each group a list of song titles is given from which the pupil is to select the title of each selection presented.

Publisher: Public School Publishing Co.

Price: 50 cents per package of 25; specimen set, 10 cents.



**Kwalwasser Test of Music Information and Appreciation.** By Jacob Kwalwasser. Published: 1927. Purpose: to test factual knowledge of music. Range: high school and college. Time to give: 45 minutes. Time to score: 6 minutes. Standardized: yes.

This test covers history of music, biography of composers, classification of artists, instrumentation, musical form, etc.

Publisher: Extension Division, University of Iowa.

Price: no information.

**Kwalwasser Tests of Melodic and Harmonic Sensitivity.** By Jacob Kwalwasser. Published: no information. Purpose: to measure ability to distinguish the good melodic and harmonic progressions from the bad. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

The test in melodic sensitivity and the one in harmonic sensitivity are each made up of 35 items which are played on the organ. They are arranged in order of increasing difficulty in discrimination. Reference: *Tests and Measurements in Music*, by Kwalwasser, published by C. C. Birchard and Co., 1927.

Publisher: not available for general distribution.

**The Kwalwasser-Ruch Test of Musical Accomplishment.** By Jacob Kwalwasser and G. M. Ruch. Published: 1924. Purpose: to measure objectively the progress of pupils in music. Range: grades 4-12. Time to give: 40 minutes. Time to score: 3 minutes. Standardized: yes.

The 10 separate tests (put up in 1 folder) cover the abilities commonly taught in grades 4 to 12 as follows: (1) knowledge of musical terms and symbols, (2) recognition of syllable names, (3) detection of pitch errors, (4) recognition of time errors, (5) recognition of pitch names, (6) knowledge of time signatures, (7) knowledge of key signatures, (8) knowledge of note value, (9) knowledge of rest values, (10) recognition of familiar melodies.

Publisher: Extension Division, University of Iowa.

Price: 6 cents per copy; \$5 per 100 copies; specimen set, 10 cents, with manual, 16 cents.

**Mohler's Scales for Measuring the Judgment of Orchestral Music.** By M. L. Mohler. Published: 1923. Purpose: to measure ability to judge orchestral music. Range: grades 6 thru high school. Time to give: 40 minutes for each form. Time to score: 1 minute. Standardized: no information.

These tests involve the use of phonographic records of 16 musical selections. The relative merits of these records have been determined and assigned numerical indices. The tests are arranged and administered in such a manner that persons who can detect small differences in the general merits of the 2 selections will receive a high score, while one who can detect only the larger differences will receive a lower score. Reference: *Journal of Educational Psychology*, December, 1923.

Publisher: M. R. Trabue, Director of Bureau of Educational Research, University of North Carolina.

Price: not published for general distribution.

**Mosher Individual Singing Test.** By Raymond M. Mosher. Published: 1923. Purpose: to measure singing achievement. Range: grades 4-9. Time to give: no information. Time to score: short. Standardized: yes.

This test is made up of 12 tests which measure theory, recognition of key signs, pulse, pitch, and durative values. Scores are given on the basis of tone and rhythm. Reference: Teachers College, *Contributions to Education*, Columbia University, No. 194.

Publisher: Bureau of Publications, Columbia University.

Price: \$1.50 per copy.

**Mosher Sight Singing Music Test.** By Raymond M. Mosher. Published: 1923. Purpose: to test group sight singing achievement. Range: grades 4-9. Time to give: 80 minutes. Time to score: 10 minutes. Standardized: yes.

The test is divided into 7 parts, each of which assumes to measure an important phase of sight singing. Test I deals with knowledge of musical symbols and terms; Test II, recognition of scales and chords; Test III, knowledge of measure and note values; Test IV, silent reading of melodies; Test V, dictation of tonal patterns and figures; Test VI, dictation of rhythmic patterns and figures; and Test VII, dictation of melodies.

Publisher: R. M. Mosher. State Normal School, New Haven, Conn.

Price: \$1.50 per package of 25; Manual of Directions available in *The Group Method of Measurement of Sight Singing*, Bureau of Publications, Teachers College, Columbia University.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Petry-Rasey Recognition of Characteristic Rhythms.** By Harriet Petry and Marie Rasey. Published: 1922. Purpose: to measure pupils' ability to interpret life's activities and moods in terms of music. Range: grades 4-12. Time to give: 10 minutes. Time to score: short. Standardized: yes.

The tests are composed of 2 parts: "one part measures ability to recognize characteristic rhythms, and the other the recognition of mood from melody." The test consists of a story, "John's Holiday," which is to be read to the pupils. The story is incomplete in places, these parts being told by music. The pupil is to complete the story by his interpretation of the music. Ten Victor records are used in the test.

Publisher: S. A. Courtis, 1807 East Grand Boulevard, Detroit, Mich.

Price: \$1.80 for set of 40 tests; \$2.50 for set of 80 tests; specimen set, complete, 80 cents.

**Plymouth Educational Tests, No. 100A, Key Signatures.** By James E. McDade. Published: no information. Purpose: to measure recognition of key signatures. Range: grades 5-8. Time to give: short. Time to score: short. Standardized: yes.

This test is one of the Plymouth series. A series of key-signatures is given, and under each the pupil is to write its letter-name. If the Regular edition is used, which is printed on manilla folders, the tests may be used again by loading the folders with blank paper.

Publisher: Plymouth Press.

Price: 60 cents per 100.

**Schoen Tests of Musical Feeling and Understanding.** By Max Schoen.

Published: 1925. Purpose: to measure a person's musical feeling and understanding. Range: grades 5 thru normal school, varying according to the test. Time to give: no information. Time to score: no information. Standardized: partially.

This series of tests is made up of 5 tests, one in each of the following phases of music appreciation: absolute pitch, relative pitch, rhythm, tonal sequence, and melody judgment. The first and last of these tests have not yet been fully developed and standardized. The test in relative pitch, for grades 5 thru normal school, consists of 10 series of 10 pairs of pitch intervals each, arranged in order of difficulty. The test in rhythm, for grades 5-7, is made up of 25 pairs of rhythmic phrases. The pupil is to tell whether or not the two are alike. The test in tonal sequence, for grades 7-12, is made up of 16 alternate terminal phrases and 4 original antecedent phrases to be evaluated in relation to each other. Reference: *Journal of Comparative Psychology*, February, 1925.

Publisher: not available for general distribution.

**Seashore Measures of Musical Talent.** By C. E. Seashore. Published: 1919. Purpose: to test musical ability. Range: grades 5-8. Time to give: about 90 minutes. Time to score: 10 minutes. Standardized: yes.

This series is made up of 6 tests, as follows: (1) pitch discrimination, (2) intensity discrimination, (3) time discrimination, (4) consonance discrimination, (5) rhythmic discrimination, and (6) tonal memory. Each of the first 3 of these tests consists of 100 items, or trials, and each of the last 3 consists of 50 items. Six phonograph records, by the Columbia Phonograph Co., are to be used with the test.

Publisher: Silver, Burdett and Co.

Price: no information.

**Torgerson-Fahnestock Music Test.** By T. L. Torgerson and Earnest Fahnestock. Published: no information. Purpose: to measure attainment and progress of pupils in both the theoretical and practical aspects of music and to assist in diagnosing difficulties of pupils. Range: grades 4-8. Time to give: approximately 30 minutes. Time to score: short. Standardized: tentatively.

The test is made up of Part A and Part B. Part A is made up of 20 exercises testing one's knowledge of the theory of music. Part B is a test of ear training, and is made up of 4 tests, each containing several exercises to be played by the examiner and written by those taking the test. These tests may be used for comparing attainment of

individuals, classes, schools, etc., as well as diagnosing pupil difficulties.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25 copies each of Parts A and B, with direction booklet and class record sheet; specimen set, 15 cents.

### DRAWING

**Detroit Freehand Lettering Scale.** By Frank Kepler. Published: 1927.

Purpose: to measure pupils' ability to do freehand lettering. Range: grades 7-12. Time to give: no time limit. Time to score: short. Standardized: yes.

This scale is in the form of a small booklet containing 14 specimens of freehand lettering, each of different quality.

Publisher: Board of Education, Detroit, Mich.

Price: 15 cents per booklet.

**Karwoski-Christensen Test for Art Appreciation.** By Theodore F. Karwoski and Erwin O. Christensen. Published: 1926. Purpose: to measure ability to appreciate art. Range: university and art school. Time to give: no information. Time to score: no information. Standardized: partially.

This test consists of 78 questions on a variety of examples of art, including painting, architecture and sculpture, industrial arts, abstract designs, and color. Three types of questions are used, as follows: (1) comparing two examples of art, (2) judging a single picture in terms of good or not good, and (3) selecting the best of 4 examples of similar subjects. The first two of these call for a reason for the decision made, this part of the question being of the multiple-response type. Reference: *Journal of Educational Psychology*, March, 1926.

Publisher: not published for general distribution.

**Kline-Carey Measuring Scale for Free-Hand Drawing.** Published: 1922.

By Linus Ward Kline and Gertrude L. Carey. Purpose: "to measure drawing as done in public elementary and high schools, and to measure the pupils' progress in that subject." Range: elementary and high schools. Time to give: no information. Time to score: no information. Standardized: yes.

"The revised edition includes the 4 themes of the original: house, rabbit, human figure in action, and brush drawing of a tree. . . . Scale values are expressed on a percentage basis ranging from 0 to 85-95 and are thus comparable to marks usually assigned by teachers to the work of pupils in other school subjects."

Publisher: The Johns Hopkins Press.

Price: 60 cents per copy.

**Lewerenz Test in Fundamental Abilities of Visual Art.** By Alfred S.

Lewerenz. Published: 1927. Purpose: to measure progress in instruction in visual art and to select pupils for specialized art activities. Range: grades 3-12. Time to give: Parts I and II, 30 minutes each; Part III, 35 minutes. Time to score: short. Standardized: yes.

This test is made up of 3 parts. Part I contains tests in recognition of proportion and originality of line drawing. Part II contains tests in observation of light and shade, knowledge of subject-matter, and visual memory of proportion. Part III contains tests in analysis of problems in cylindrical perspective, analysis of problems in parallel perspective, analysis of problems in angular perspective, and recognition of color.

Publisher: Research Publishing Co.

Price: Parts I and II, 65 cents per package of 25, \$2 per 100, \$17.50 per 1,000; Part III, \$1 per package of 25, \$3.50 per 100, \$32.50 per 1,000; manual and directions, 35 cents extra; color chart (required for Part III), \$4; extra vase forms, 5 cents each; extra vase form scoring keys, 5 cents each; specimen set, complete, \$4.50; specimen set, without color chart, 50 cents.

**Manuel's Drawing Scale.** By H. T. Manuel. Not published for general distribution. For further information, write to H. T. Manuel, Department of Psychology, University of Texas.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Rugg Scale for Measuring Free-hand Lettering.** By H. O. Rugg. Published: 1914. Purpose: to measure achievement in free-hand lettering. Range: high school and higher technical schools. Time to give: no time limit. Time to score: no information. Standardized: no information.

This scale is made up of 8 samples of free-hand lettering, "ranging by intervals of approximately 10 per cent each, from 100 per cent to 30 per cent." The students' work is compared with the samples. Both speed and ability are recorded. Reference: *Journal of Educational Psychology*, January, 1915.

Publisher: not available for general distribution.

**Thorndike's Scale for the Merit of Drawings by Pupils 8 to 15 Years of Age.** By E. L. Thorndike. Published: 1924. Purpose: to measure ability in drawing. Range: grades 3-8, or 8-15 years of age. Time to give: no information. Time to score: short. Standardized: yes.

The scale is made up of 14 specimens, each weighted and given a value. The values, determined by over 400 competent judges, range from 0 to 17.0. The value given the drawing to be graded is the value of the specimen in the scale most nearly matching the sample. Pupils may grade their own drawings. At least *one scale* is needed for *each teacher or class*.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 50 cents per copy.

**Thurstone Lettering Test.** By L. L. Thurstone. No information available.

**Whitford Art Test.** By W. G. Whitford. Published: 1919. Purpose: to measure pupils' ability to appreciate art and "to draw or describe things graphically." Range: no information. Time to give: Test 1, 15 minutes; test 2, 30 minutes. Time to score: short. Standardized: no.

The test consists of 2 parts, as follows: Test No. 1, art appreciation; Test No. 2, drawing test. Test No. 1 deals with ability to appreciate art quality wherever found (in chair, rug, dress, painting, etc.). It contains 14 definite problem-solving reactions. For example, refinement of curves, refinement in line and form, color sense, etc. Test No. 2 is similar to the usual examination in elementary freehand drawing. Reference: *Elementary School Journal*, September and October, 1919.

Publisher: not published for general distribution.

**Williams Scale for Judging Kindergarten Drawing.** By Florence Williams. Published: 1922. Purpose: to measure ability to draw. Range: kindergarten and grade 1. Time to give: no time limit. Time to score: varies. Standardized: yes.

The scale is composed of 5 specimens of drawing. The pupils were asked to draw turkeys at Thanksgiving time. They were given definite directions for a period of time. One week later they were asked to draw a turkey. From 206 drawings the scale was made. The scale may be used in judging other bird forms or animal forms. *One scale is needed for each teacher.*

Publisher: Department of Art Education, School of Education, University of Chicago.

Price: 5 cents each.

### MECHANICAL DRAWING

**Detroit Freehand Lettering Scale.** By Frank Kepler. For description, see "Drawing."

**Rugg Scale for Measuring Free-hand Lettering.** By H. O. Rugg. For description, see "Drawing."

**Spink Grading Chart for Mechanical Drawing.** By P. M. Spink. Published: 1921. Purpose: to serve as a scale for measuring achievement in mechanical drawing. Range: students taking mechanical drawing. Time to give: no information. Time to score: no information. Standardized: yes.

This chart is a scale to measure pupils' work in lettering and numbering, and in drawing lines, corners, irregular curves, circles, tangents, arrows, etc. The samples that are given in the chart are supposed to show a difference of about 10 points in quality. The scale is usable in both elementary and high school work. The child is encouraged to do his own grading according to the scale. *One chart is needed for each teacher or examiner.*

Publisher: P. M. Spink, 867 Fourth Ave., Faribault, Minn.

Price: 75 cents per single copy, \$2 for 3 copies, \$3.50 for 6 copies, postpaid; in lots of 12 or more, \$6 per dozen.

**Thurstone Lettering Test.** By L. L. Thurstone. For description, see "Drawing."

**Wells-Laubach Knowledge Test of Mechanical Drawing.** By George K. Wells and M. L. Laubach. Published: not yet published. Purpose: to test the knowledge side of high school mechanical drawing. Range: high school. Time to give: 30 minutes. Time to score: 10 minutes. Standardized: yes.

This test consists of 100 true-false statements concerning general knowledge in mechanical drawing.

Publisher: George K. Wells, Box 242, Terre Haute, Ind.

Price: 25 cents per copy.

### HEALTH AND PHYSICAL EDUCATION

**Athletic Badge Tests for Boys and Girls.** By Playground and Recreation Association of America. Published: 1923. Purpose: to raise the standard of physical efficiency among school children. Range: elementary and high school. Time to give: no time limit. Time to score: short. Standardized: no information.

This pamphlet is the second of a series of physical education publications put out by the Department of the Interior. The tests were devised by the Playground and Recreation Association of America. The Athletic Badge Tests for boys are divided into 4 divisions of increasing difficulty, each including climbing tests, jumping tests, running tests, and throwing tests. The Athletic Badge Test for girls is similarly divided into 3 divisions, each one including balancing tests, running tests, throwing tests, and tests based upon games.

Publisher: Department of the Interior, Bureau of Education, Washington, D.C.

Price: 5 cents per copy.

**Baldwin's Physical Development Scale.** By B. T. Baldwin. Published: 1916. Purpose: to measure physical development. Range: grades 1-12. Time to give: 30 minutes. Time to score: 2 minutes. Standardized: yes.

The scale is arranged in the form of a score card with the different points of consideration weighted. The scales for boys and girls are made separately. "The norms represent well developed children with school-medical inspection and physical training. A small child for a given age may be well developed if the coefficients, height, weight, and breathing capacity relationships are normal and approximately those indicated."

Publisher: Extension Division, University of Iowa.

Price: Physical Development Scale, 10 cents per set, consisting of a buff card for girls and a white card for boys. The paper measuring scale sells for 60 cents.

**Gates-Strang Health Knowledge Test, Form I.** By Arthur I. Gates and Ruth Strang. Published: 1925. Purpose: to test health knowledge.

Range: grades 3-12. Time to give: 40 minutes. Time to score: short. Standardized: tentatively.

This test consists of 64 best-answer type statements regarding many phases of healthful living, including proper food and clothing, care of the body, etc. Reference: *Teachers College Record*, June, 1925.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$3 per 100.

**Grier Range of Information Test in Biology.** By N. M. Grier. For description, see "Biology."

**Indiana Composite Achievement Test.** By Wendell W. Wright, thru the Bureau of Coöperative Research, Indiana University, in coöperation with the Indiana State Department of Public Instruction and the County Superintendents' Association. For description, see "Composite."

**New Jersey State Examination for Eighth-Grade Pupils.** By Department of Public Instruction, New Jersey. For description, see "Composite."

**Olmsted's Diagnostic Physiology Test.** By M. C. Olmsted. Published: 1921. Purpose: to diagnose pupil difficulties in physiology. Range: grades 7 and 8. Time to give: 40 minutes. Time to score: 4 minutes. Standardized: yes.

The test is composed of 60 questions of the multiple-response type dealing with general principles in physiology.

Publisher: M. C. Olmsted, Clarkeston, Wash.

Price: \$1 per 100.

**Otis Classification Test.** By A. S. Otis. For description, see "Composite."

**Philadelphia Survey Test in Health Education.** By Philip A. Boyer. Published: 1927. Purpose: to measure health knowledge. Range: grade 8A. Time to give: 10 minutes. Time to score: short. Standardized: no.

This test consists of 40 statements of the multiple-response type concerning general physiological facts.

Publisher: Division of Educational Research, Philadelphia Public Schools, Philadelphia, Pa.

Price: not available for general distribution.

**The Physical Test of a Man.** By D. A. Sargent. Published: 1921. Purpose: to measure physical ability. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

The test is constructed by considering 3 factors: height jumped, foot-pounds of work done, and amount of energy expended. The energy index factor is considered by the author to be of most importance. Reference: *School and Society*, January 29, 1921. One test is needed for each examiner.

Publisher: not available for general distribution.



**Pressey Information on Sports and Amusements.** By S. L. and L. W. Pressey. Published: 1922. Purpose: to test knowledge of sports and amusements. Range: grades 6-12. Time to give: 45 minutes. Time to score: 4 minutes. Standardized: no.

This test consists of 27 groups of 5 questions each, dealing with certain phrases and terms used in various sports and amusements. The pupil is to underline the correct answer among 5 given after each question. At the end, 32 sports, or amusements, are listed, and the pupil is to underline each one with which he is familiar.

Publisher: Department of Psychology, Ohio State University.

Price: not sold, but small quantities may be procured for experimental purposes.

**Rapeer's Scale for Measuring Physical Education, Health, and Physical Development.** By Louis W. Rapeer. Published: 1917. Purpose: to measure the results of physical education. Range: elementary grades. Time to give: 1 hour. Time to score: 10 minutes. Standardized: yes.

The scale is made up of 5 parts: (1) health scale, (2) physiological efficiency scale, (3) physical development scale, (4) physical ability scale, (5) mental qualities scale. A total of 100 points are given for the 5 scales. The scale may be used as a sort of score card to measure the quality of work done and detect defects that may be remedied. Reference: *Sixteenth Year-Book of the National Society for the Study of Education*, Part II, 1917.

Publisher: Public School Publishing Co.

Price: not available for general distribution.

**Reilley's Standards in Physical Training.** By Frederick J. Reilley. Published: 1917. Purpose: to measure results in physical training. Range: grades 5-8. Time to give: no information. Time to score: no information. Standardized: yes.

The tests are composed of field and indoor events for boys and girls. Standards have been found for more than 15 events. Some of the most common events are running, jumping, basketball, throwing, and serving in tennis. The standards are aids to pupils in judging their own progress. *One chart* containing standards is needed for *each teacher or examiner*.

Publisher: D. C. Heath and Co.

Price: 10 cents each; 20 copies, \$1, postpaid.

**Rogers Physical Capacity Tests in the Administration of Physical Education.** By Frederick Rand Rogers. Published: 1925. Purpose: to measure vital capacity and the strength of large muscle groups. Range: junior and senior high school. Time to give: 5 to 10 minutes. Time to score: short. Standardized: yes.

These tests were developed for purposes of administration of physical education classes. The tests "include 7 measures: lung capacity, strength of each forearm, strength of back, strength of legs, strength of upper arms and shoulder girdle in extension, strength of upper arms

and shoulder girdle in flexion." Reference: Teachers College, *Contributions to Education*, No. 173, Columbia University, 1925.

Publisher: Bureau of Publications, Columbia University.

Price: \$1.25 per copy.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**Winter Physical Ability Test.** By Connecticut State Board of Education. Published: 1924. Purpose: to measure improvement in physical ability. Range: grades 5-8. Time to give: no information. Time to score: no information. Standardized: no information.

This test includes 12 test events, one for each week beginning with the week following Christmas vacation and continuing thru March. The tests include various kinds of balancing tests, pull-up tests, and stunts.

Publisher: State Board of Education, Hartford, Conn.

Price: no information.

## AGRICULTURE

**Farmers' General Information Test.** By H. A. Toops. Included in "Trade Tests in Education," by H. A. Toops.

**National Agricultural Tests.** By Charles Everett Myers. Published: 1924. Purpose: to ascertain pupils' knowledge in agriculture. Range: grades 8 thru college. Time to give: 30 minutes each. Time to score: 1 minute. Standardized: partially.

This test is made up of 3 tests: a true-false test consisting of 80 general statements in agriculture; a matching test consisting of 18 lists of words on varieties of vegetables; and a test on the identification of vegetables, consisting of pictures and statements of the matching type.

Publisher: Rural Education Department, State College, Pa.

Price: \$1 per 25 copies; specimen set, 15 cents, complete.

**Smith Agricultural Information Tests in Animal Husbandry.** By Z. M. Smith. Published: no information. Purpose: to measure pupils' achievement in animal husbandry. Range: pupils studying animal husbandry. Time to give: 10 minutes each for the true-false and recall tests, and 5 minutes for the recognition test. Time to score: short. Standardized: no.

These achievement tests consist of 3 sub-tests. Test 1 is a true-false test consisting of 20 questions; test 2, single-recall test, consisting of 20 questions; test 3, recognition test, consisting of 10 questions, all covering the general content of animal husbandry.

Publisher: Mr. Z. M. Smith, State Director of Vocational Education, Indianapolis, Ind.

Price: no information.

**Uniform State Examinations—Wyoming.** By County Superintendents' Association Examination Committee. For description, see "Composite."

**Waits Tests for Measuring Attainments in Agriculture for Rural Schools.** By Logan A. Waits. Purpose: to measure attainment and "general intelligence in the subject of agriculture." Range: grades 7-12. Time to give: 20 minutes for each test. Time to score: no information. Standardized: no.

The tests are composed of 2 series, A and B. Series A is for grades 9, 10, 11, and 12. Series B is for grades 7 and 8. Each series is composed of 2 parts. Series A is made up of 10 tests including historical facts in agriculture, biological facts, identification, classification, weights of crops, general biological information, and practical agricultural information. Series B is similar to Series A in arrangement.

Publisher: Logan A. Waits, New Philadelphia, Ohio.

Price: not published for general distribution.

#### INDUSTRIAL ARTS: MANUAL TRAINING

**Hudson-Bursch Manual Arts Test.** By J. F. Bursch and ——— Hudson. Published: not yet published. Purpose: to measure range of information and application in manual arts. Range: high school. Time to give: 60 minutes. Time to score: 5 minutes. Standardized: yes.

No further information available.

Publisher: J. F. Bursch, Leland Stanford University.

Price: no information.

**Indiana Industrial Arts Test.** By Wendell W. Wright. Published: not yet published. Purpose: to measure achievement in industrial arts in the seventh and eighth grades in the Indiana schools. Range: grades 7 and 8. Time to give: 30 minutes. Time to score: short. Standardized: not yet standardized.

**Leavitt's Preliminary Tests for Manual Arts.** By Frank M. Leavitt. Published: no information. Purpose: to measure ability in industrial arts. Range: grades 1-8. Time to give: 20 minutes. Time to score: no information. Standardized: no information.

The test is composed of 18 problems of increasing difficulty in drawing, measuring, cutting, pasting, and sewing. It contains some of the most common problems in the industrial arts work. The test is suited for both boys and girls.

Publisher: Bruce Publishing Co.

Price: no information.

**Partrick's Industrial Arts Test.** By Charles D. Partrick. Published: 1923. Purpose: to test pupils' knowledge of diversified activities.

Range: grades 7-9. Time to give: 30 minutes. Time to score: 2 minutes. Standardized: yes.

This test consists of 100 questions of the best-answer type concerning woodwork, concrete, electricity, etc.

Publisher: Public School Publishing Co.

Price: *out of print.*

### INDUSTRIAL ARTS: TOOLS

**Test for Knowledge of Tools.** By Public Schools of Jackson, Mich. *Out of print.* No information available.

**Ward-Toops Performance Test of Ability in Using Measuring Tools.** By Cecil Ward and Herbert A. Toops. Published: 1925. Purpose: to test pupil ability to use woodworkers' scale, dividers, and inside and outside calipers. Range: students of industrial education and applicants for vocational work. Time to give: no time limit. Time to score: short. Standardized: no.

The test is made up of 6 blocks to be measured, each increasing in difficulty. The first block has only 3 dimensions and the sixth has 14 dimensions. Measurements are to be made to the nearest thirty-second of an inch. Both speed and accuracy are scored. Reference: *Industrial Education Magazine*, December, 1925.

Publisher: not published for general distribution.

**Wardner's Test for Knowledge of Tools.** By Charles A. Wardner. Published: 1919. Purpose: to test pupils' knowledge of tools. Range: industrial classes above grade 8. Time to give: 60 minutes. Time to score: 1 minute. Standardized: no.

The test consists of a knowledge of 83 pieces of wood-working, metal-working, and miscellaneous tools. The tools are numbered from 1 to 83 and a photograph made of them and their numbers. The names of the tools are written on the opposite page. The pupils are to write the number of each tool before its name.

Publisher: Charles A. Wardner, Jackson, Mich.

Price: 2½ cents per test sheet.

### INDUSTRIAL ARTS: WOODWORKING

**Information Test in Woodwork.** By Jackson Public Schools, Jackson, Mich. Published: no information. Purpose: to measure ability in woodwork. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

This test is made up of 42 exercises of the multiple-response type concerning the use of tools and general information concerning woodwork.

Publisher: West Intermediate Press.

Price: no information.

**Nash-Van Duzee Industrial Arts Test: Woodwork, Scale A.** By Harry B. Nash and Roy R. Van Duzee. Published: 1927. Purpose: to measure technical and related information covering the subject of woodwork. Range: junior and senior high school. Time to give: 40 minutes. Time to score: short. Standardized: yes.

This test is made up of 4 parts. Part I is made up of 60 true-false statements and 42 multiple-response statements concerning general information in woodwork. Part II is made up of a number of diagrams of wood constructions, some of which are incorrect or incomplete. The pupil is to correct, complete, or mark these diagrams *OK*. Part III tests ability to read a mechanical drawing. Part IV is made up of 3 groups of matching type or logical arrangement type questions on tools and processes in woodworking.

Publisher: Bruce Publishing Co.

Price: \$1.25 per 25 tests; specimen set, complete, 25 cents.

**Wells Knowledge Test in Woodworking.** By George K. Wells. Published: not yet published. Purpose: to test the knowledge side of elementary woodwork. Range: high school. Time to give: 30 minutes. Time to score: 10 minutes. Standardized: yes.

This test is made up of 2 parts. Part I consists of 100 true-false statements and Part II consists of 50 completion type statements. The test covers the general field of shop work, operations, tools, material, and finishes. It is not meant for carpentry classes.

Publisher: George K. Wells, Box 242, Terre Haute, Ind.

Price: 25 cents per copy.

### VOCATIONAL, PRE-VOCATIONAL, AND VOCATIONAL GUIDANCE

**The Army Trade Tests.** By William T. Bawden. Published: 1918. Purpose: to classify men according to their ability to do certain types of work. Range: used in the United States Army. Time to give: no information. Time to score: no information. Standardized: no information.

The tests consist of oral tests, picture tests, and performance tests. The oral test consists of 40 questions. The picture tests consist of pictures on which questions are asked. In the performance test the applicant is required to do a piece of work. His only guide is a blue print and printed instructions.

Publisher: W. T. Bawden, Department of Interior, Bureau of Education, Washington, D.C.

Price: not published for general distribution.

**Chapman-Toops Bricklayers' Test.** By J. Crosby Chapman and Herbert A. Toops. Included in Chapman-Toops Written Trade Test.

**Chapman-Toops Written Trade Test.** By J. Crosby Chapman and Herbert A. Toops. Published: 1919. Purpose: to conserve time in selecting workmen. Range: novices, apprentices, and journeymen.

Time to give: no time limit. Time to score: short. Standardized: yes.

The test is made up of 62 questions of the multiple-response type. Trade terms are used almost exclusively in the answers. The test may be used in either of 2 ways for dividing applicants into proper groups. The first method employs the entire list of 62 questions, the second method uses 18 questions selected by experts.

Publishers: J. Crosby Chapman, Western Reserve University, and Herbert A. Toops, Ohio State University.

Price: not available for general distribution.

**Cincinnati Vocational Bureau Tests.** By Helen Thompson Wooley and Charlotte Rust Fisher. Reference: *Experimental Study of Children*, by Dr. Wooley. Publisher: C. H. Stoelting Co. No information available.

**Hull Vocational Aptitude Tests.** By C. E. Hull. Reference: *Society of Industrial Engineers*, June, 1921.

**Hunter Shop Tests.** By William L. Hunter. Published: 1927. Purpose: to test pupils' knowledge concerning processes, tools, and materials. Range: students studying manual arts. Time to give: 5 to 8 minutes. Time to score: short. Standardized: in process.

There are 2 groups of these tests. One group contains 16 tests, 8 of which are woodworking tests; 2, mechanical drawing tests; 4, machine shop tests; 1, electrical shop test; and 1, auto mechanics test. The second group of tests is made up of 1 true-false test in mechanical drawing; 1 related test in English; 1 objective test in electricity; 1 visual perception test; 1 related test in physics; 1 related test in geometry; 1 completion test in printing; and 1 objective test in wood-finishing. Each of the tests is made up of 25 questions.

Publisher: Manual Arts Press.

Price: 25 cents for 25 copies of any one of the tests; specimen set, one of each test, 25 cents.

**Kelley Constructive Ability Test.** By Truman L. Kelley. Published: no information. Purpose: to measure pupils' constructive ability. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

This test is made up of a set of blocks with which the pupil is to work and a scale of 40 stereoscopic photographs. "This scale consists of 19 samples of buildings of various sorts, mostly houses, 12 of vehicles, and 9 of machinery." Reference: *Journal of Educational Psychology*, January, 1916.

Publisher: C. H. Stoelting Co.

Price: \$30.30 for one complete set consisting of blocks, stereoscopic photographs, record sheets, reprint, and direction sheet.

**MacQuarrie Test for Mechanical Ability.** By T. W. MacQuarrie. Published: 1925. Purpose: to test general mechanical ability. Range:

age 10 or older. Time to give: 35 minutes. Time to score: 8 minutes. Standardized: yes.

This is a group performance test designed to measure native mechanical ability. It may be used as an aid in selecting and advising pupils and other persons in activities that require manipulative skill. It consists of 7 parts, with a practice test before each test that is to be scored. Part 1 is a tracing test; Part 2, tapping; Part 3, dotting; Part 4, copying; Part 5, location; Part 6, blocks; Part 7, pursuit.

Publisher: Research Service Co.

Price: Form I, \$1.50 per package of 25 or \$6 per 100 copies; specimen set, 50 cents for 5 copies with directions.

**O'Rourke Series of Aids in Placement and Guidance.** By L. J. O'Rourke.

Published: 1924, 1926. Purpose: to classify students in vocational work. Range: grade 7 thru college, and adult. Time to give: varies with each test. Time to score: short. Standardized: yes.

This series is made up of general classification tests for different ages, tests in clerical aptitude, mechanical aptitude, ingenuity, vocabulary, arithmetic fundamentals and arithmetic reasoning, silent reading, and grammar achievement. The clerical aptitude test includes a test in clerical problems and one in reasoning. The problems consist in alphabetizing, error checking, sorting, and simple abstract arithmetic. The mechanical aptitude test includes identification and knowledge of the use of tools, as shown in pictures, and 60 questions on the mechanical make-up of machinery. The vocabulary, arithmetic, and language tests are combined in a group called "Attainment Tests." The vocabulary test is of the multiple-response type and consists of 70 short sentences containing one word each which is to be defined. The arithmetic tests consist of 40 simple problems in the fundamentals and 28 reasoning problems. The language test consists of 52 sentences in which the errors are to be detected. The silent reading test is not yet ready for the market.

Publisher: Educational and Personnel Publishing Co.

Price: General classification test, senior grade, \$1.50 per set of 30; junior grade, \$1 per set of 30; grade 1, 90 cents per set of 30: Mechanical aptitude test, junior grade, \$1.50 per set of 30; senior grade, \$1.75 per set of 30: Clerical aptitude test, 90 cents per set of 30, either test: Ingenuity, Arithmetic fundamentals, Arithmetic reasoning, Vocabulary, Silent reading, and Grammar achievement tests, 60 cents per set of 30, each: booklet containing Vocabulary and Arithmetic tests, \$1.10 per set of 30: single copies, any test, 10 cents. All prices are subject to the addition of postage.

**Ruth Electrical Inclination Test.** By Norton W. Ruth. Not yet published. Publisher: C. H. Stoelting Co. No further information available.

**Stenquist Assembling Tests of General Mechanical Ability.** By John L. Stenquist. Published: 1921. Purpose: to measure pupils' general mechanical ability, and to discover individual differences in native

talent. Range: series I and II, grades 3 thru high school, and adult; series III, grades 2-6. Time to give: 30 minutes for each of the 10 models. Time to score: 2 minutes. Standardized: yes.

Each series consists of 10 common mechanical objects that are to be assembled by the pupil. These objects are arranged in order of difficulty. Each pupil tested must have an individual set if it is to be given to groups. It can also be given as an individual test. Reference: *Archives of Psychology*, No. 33, Columbia University.

Publisher: C. H. Stoelting Co.

Price: \$12.50 for each series, complete.

**Stenquist Mechanical Aptitude Tests.** By John L. Stenquist. Published: 1921. Purpose: to detect mechanical aptitude in children. Range: grades 6 thru college. Time to give: Test I, 45 minutes; II, 50 minutes. Time to score: about 2 minutes. Standardized: yes.

Test I is made up of 6 exercises of 3 or 4 parts each. Each part is made up of 10 pictures of things connected with mechanics which are to be matched according to use. Test II consists of 3 exercises. Exercise 1 is made up of 19 pictures of parts of vehicles which are to be matched. Exercises 2 and 3 consist of pictures of machines with a series of questions on each.

Publisher: World Book Co.

Price: \$1.50 per package of 25 booklets; manual of directions, 20 cents; specimen set, 30 cents, complete.

**Stenquist Recognition Test. Test I, Series I.** By John L. Stenquist. Published: no information. Purpose: to test pupils' ability to recognize mechanical objects. Range: high school. Time to give: 30 minutes. Time to score: short. Standardized: no information.

This series consists of 55 mechanical objects that are to be identified by the pupil. The correct number of each object is to be put before its name found on a mimeographed list given the pupils.

Publisher: no information.

Price: no information.

**Tests for Vocational Guidance of Children Thirteen to Sixteen.** By Herbert A. Toops, with the assistance of the Staff of the Division of Psychology, Institute of Educational Research, Teachers College, Columbia University. Published: 1923. Purpose: to measure certain abilities related to success in one's work. Range: ages 13 to 16. Time to give: no information. Time to score: no information. Standardized: no information.

This book is the official report of the findings of the first year's work of an extended research into vocational guidance tests. Its purpose is to provide teachers and social workers with convenient means for measuring certain abilities related to success in school work, office work, and work at skilled and semi-skilled trades.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: cloth, \$1.60; paper, \$1.25.



**Thurstone's General Technical Information Test.** By L. L. Thurstone. For description, see Thurstone's Vocational Guidance Tests under "Vocational."

**Thurstone's Test of Engineering Aptitude for College Freshmen and High School Seniors.** By L. L. Thurstone. Published: 1919. *Out of print.* Refer to the Thurstone's Vocational Guidance Tests.

**Thurstone's Vocational Guidance Tests (Algebra, Arithmetic, Geometry, Physics, and Technical Information).** By L. L. Thurstone. Published: 1919. Purpose: to determine the probability of success of high-school seniors and college freshmen in an engineering school. Range: high-school seniors and college freshmen. Time to give: about 30 minutes for each part. Time to score: short. Standardized: yes.

These tests include 5 separate tests: Algebra, Arithmetic, Geometry, Physics, and Technical information. The Algebra test includes problems in the solving of equations, graphs, true-false problems, and story problems in algebra. The Arithmetic test contains 22 story problems in arithmetic. The Geometry test is made up of 9 construction problems. The Physics test is made up of 25 questions in general physics. The Technical information test contains 100 questions of the multiple-response type concerning general information about tools, machinery, building material and constructions, etc. The items in all the tests are selected as having a direct appeal to pupils with engineering interests.

Publisher: World Book Co.

Price: \$1 per package of 25 tests; each package except the Geometry contains 1 key and record sheet; manual of directions, 20 cents; specimen set, complete, 40 cents, postpaid.

**Trade Tests.** By Committee on Education and Special Training, War Department, U.S.A. For description, see *Trade Tests*, by J. Crosby Chapman, published by Henry Holt and Co., 1921.

**Trade Tests in Education.** By Herbert A. Toops. Published: 1921. Purpose: to contribute to method in measuring trade efficiency.

The Trade Tests in Education are published in a book which gives illustrations of different forms of tests and methods of measuring trade efficiency. "By reference to these and the numerous hints of caution derived from extended observation, study and analysis of tradesmen's capacities and aptitudes, one may construct for himself tests for measuring the effects produced by any specific vocational or technical training." Reference: Teachers College, Columbia University, *Contributions to Education*, No. 115.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$2, cloth; \$1.50, paper.

**Vocational Tests, IX, XI, XIII, XIV, and Interest Analysis.** By Bureau of Personnel Research, Carnegie Institute of Technology. Pub-

lished: 1920, 1921. Purpose: to measure vocational ability. Range: high school and college. Time to give: 10 to 25 minutes. Time to score: 2 to 7 minutes. Standardized: yes.

There are 5 separate tests, as follows: IX, Will profile; XI, Social relations; XIII, Business information; XIV, Meeting objections; Interest analysis. Test IX is made up of 11 parts designed to measure traits of character and temperament which are essential to business. Such traits as speed of movement, speed of decision, care for details, etc., are measured. Test XI is composed of 2 forms, A and B. Each form is made up of 50 questions designed to find out how much one has mingled with all kinds of people. Test XIII is composed of 100 questions designed to measure business information. Test XIV is composed of 25 questions designed to measure the ability of salesmen to meet objections of customers. The Interest Analysis Test is composed of 4 parts designed to measure business interests. The tests may be used separately.

Publisher: Bureau of Personnel Research, Carnegie Institute of Technology.

Price: Tests IX and XIII, 10 cents each; XI and XIV, 8 cents each; Interest Analysis, 6 cents.

**Wells Knowledge Test in Machine Shop.** By George K. Wells. Published: not yet published. Purpose: to test the knowledge side of machine shop work. Range: high school. Time to give: 30 minutes. Time to score: 10 minutes. Standardized: yes.

This test is made up of 2 parts. Part I contains 100 true-false statements concerning the use and care of tools and general knowledge concerning machine shop work. Part II is a multiple-response type test of 50 items concerning the association of ideas in machine shop work.

Publisher: George K. Wells, Box 242, Terre Haute, Ind.

Price: 25 cents per copy.

**Wells Knowledge Test in Printing.** By George K. Wells. Published: not yet published. Purpose: to test the knowledge side of elementary printing. Range: high school. Time to give: 30 minutes. Time to score: 10 minutes. Standardized: yes.

This test is made up of 2 parts. Part I is made up of 100 true-false statements and Part II is made up of 50 completion type sentences. The test deals with the general field of printing, covering such work as hand composition, stone work, proof-reading, press work, and paper cutting.

Publisher: George K. Wells, Box 242, Terre Haute, Ind.

Price: 25 cents per copy.

## TESTS IN OTHER FIELDS

### PROFESSIONAL: EDUCATION

**Franzen-Knight Professional Test for Elementary School Teachers.** By R. H. Franzen and F. B. Knight. Published: 1922. Range: ele-

mentary teachers. Time to give: 1 to 1½ hours. Time to score: 7 minutes. Standardized: yes.

No information available.

Publisher: F. B. Knight, University of Iowa.

Price: 15 cents each; \$9 per 100.

**Frasier-Armentrout Standard Achievement Test on an Introduction to Education.** By George Willard Frasier and Winfield D. Armentrout. Published: Form A, 1924; Form B, 1925. Purpose: to test the achievement of students who have studied the Frasier-Armentrout text. Range: college. Time to give: 50 minutes. Time to score: 2 or 3 minutes. Standardized: yes.

The test, for the most part, consists of a True-False Examination of 92 questions covering the material presented in the Frasier-Armentrout Text on "An Introduction to Education." The authors promise a new form each year, and suggest that the test may well serve as a final examination for classes studying the subject. Forms A and B are available.

Publisher: Scott, Foresman and Co.

Price: 5 cents per copy, complete.

**Geyer Objective Examination on Intelligence Testing.** By Denton L. Geyer. Published: 1922; revised, 1923. Purpose: to measure achievement in college courses on intelligence testing. Range: college. Time to give: no time limit. Time to score: no information. Standardized: yes.

This test is made up of 60 best-answer type statements concerning intelligence testing, including general information, terms used, and understanding and use of results obtained.

Publisher: Plymouth Press.

Price: no information

**Holloway Professional Achievement Test.** By William J. Holloway. Published: 1924. Purpose: to test professional knowledge and skill. Range: elementary teachers. Time to give: 15 minutes. Time to score: 3 to 5 minutes. Standardized: partially.

This test consists of 100 true-false statements dealing with professional knowledge for elementary teachers. Two equivalent forms are developed.

Publisher: William J. Holloway.

Price: *out of print.*

**Mead Examination in Educational Measurements.** By A. R. Mead. Published: 1926. Purpose: to test information and ability in the use of educational measurements. Range: teachers and prospective teachers. Time to give: 1½ to 2 hours. Time to score: no information. Standardized: no information.

This test is made up of 3 parts. Part I is a test in information concerning the testing movement in schools, its leaders, tests available, and terms and practices used. Part II is a test in ability to interpret

or think in terms of measurements. It involves an understanding of charts, diagrams, correlations, etc. Part III is a test in the giving of an achievement test. The scoring of this part of the test is done by means of a score card for the purpose. Reference: *Educational Administration and Supervision*, January, 1926.

Publisher: not published for general distribution.

**Odell Standard Achievement Test on Principles of Teaching in Secondary Schools.** By C. W. Odell. Published: 1927. Purpose: to test teachers' or student teachers' knowledge of professional words and phrases. Range: teachers and student teachers. Time to give: 25 minutes. Time to score: 2 minutes. Standardized: yes.

This test is made up of 4 sub-tests. Test 1 is of the matching type; Test 2, of the multiple-response type; Test 3, of the correction type; and Test 4, completion type, all covering the principles of teaching in secondary education.

Publisher: Public School Publishing Co.

Price: 75 cents per package of 25 tests; specimen set, 15 cents.

**Professional Tests for Teachers.** By J. E. Bathurst, F. B. Knight, G. M. Ruch, and Fred Telford. Published: 1926. Purpose: to be used in selecting, placing, and rating teachers. Range: elementary and high-school teachers. Time to give: 90 minutes. Time to score: 5 minutes. Standardized: yes.

This test is made up of 2 test booklets, subject-placement tests for elementary teachers, and aptitude tests for elementary teachers and high-school teachers. The subject-placement test is made up of 4 sub-tests of the completion type. Test 1 consists of 35 statements in reading. Test 2 is a test in arithmetic consisting of 35 arithmetical statements. Test 3 is a test in spelling consisting of 18 statements. Test 4 is a test in writing consisting of 35 statements.

The aptitude test is made up of 6 sub-tests. Test 1 is a test in professional judgment consisting of 28 statements of the completion type. Test 2 is a test in theory and practice of teaching consisting of 85 statements of the true-false type. Test 3 is a test in reading comprehension consisting of questions on 2 reading selections. Test 4 is a test in social information consisting of 24 statements of the completion type. Test 5 is a test in school and class management consisting of 55 statements of the true-false type. Test 6 is a test in professional information consisting of 33 statements of the true-false type.

Publisher: Bureau of Public Personnel Administration.

Price: Subject-placement tests, in lots of 100 or more, 8 cents each; in lots of 50 to 99, 9 cents each; and in lots of less than 50, 10 cents each. Aptitude tests, \$3 per package of 25 with manual and stencils; \$10 per package of 100 with manual and stencils; \$45 per package of 500 with manual and stencils; single orders of 700 or more copies with necessary stencils and manuals, 8 cents per copy; one sample copy with manual and scoring stencils, 50 cents postpaid.

**Teaching Aptitude Test.** By F. A. Moss, T. Hunt, and F. C. Wallace. Published: 1927. Purpose: to measure ability to teach. Range: teachers and prospective teachers. Time to give: no information. Time to score: no information. Standardized: partially.

This test is made up of 5 tests. Test 1 is a best-answer type test dealing with judgment in teaching situations; Test 2 is a true-false test on reasoning and information concerning school problems; Test 3 is a true-false test in comprehension and retention, the statements made being based on a paragraph on "Speech Defects" which was read at the beginning of the test; Test 4 is a set of 10 questions testing observation and recall, the questions being based on a picture which is shown the student at the beginning of the test; and Test 5 is a test in the recognition of mental states from facial expressions.

Publisher: Center for Psychological Service.

Price: 10 cents per copy; 100 or more copies, 9 cents per copy.

**Waples-Reavis Classroom Procedure Test, Form 1—General.** By Douglas Waples and W. C. Reavis. Published: 1926. Purpose: to rate methods of teaching in junior and senior high schools. Range: teachers in junior and senior high school. Time to give: no time limit. Time to score: short. Standardized: no.

This is a series of 10 tests on the subject of classroom procedure. In each test a problem often met by teachers is given together with 5 suggestions as to ways in which to meet the problem. The best and worst methods are to be chosen and one suggestion as to a still more effective method of dealing with each particular problem is to be given.

Publisher: The University of Chicago Press.

Price: no information.

**Weber Standard Achievement Test on Aims, Purposes, Objectives, Attributes, and Functions in Secondary Education.** By Joseph J. Weber. Published: no information. Purpose: to test the pupils' working knowledge of the principal reasons why society has established the public secondary school and why it maintains this institution. Range: college. Time to give: no time limit. Time to score: short. Standardized: yes.

Five sub-tests make up this test. The first is made up of a column of words from which missing words are to be supplied in the accompanying paragraph on "Education." The second consists of 12 statements to be completed by supplying the number that corresponds to the correct word. Test III is made up of 8 statements completed by a best answer, a fairly good, and an unsatisfactory one. These are to be correspondingly numbered 2, 1, 0. Test IV consists of 15 completion sentences, to be answered as in test I. Test V is made up of 20 completion sentences.

Publisher: Public School Publishing Co.

Price: \$1 per package of 25 tests; specimen set, 15 cents.

## PROFESSIONAL: LAW

**Law Aptitude Examination.** By M. L. Ferson and G. D. Stoddard. Published: 1926. Purpose: to test pupils' knowledge in law. Range: law students. Time to give: varies according to parts. Time to score: about 10 minutes. Standardized: no.

This test consists of 5 parts. Parts 1-A and 1-B consist of a case and questions of the completion type, about the case. Parts 2-A, 2-B, 2-C are made up of questions of true-false type and matching type concerning a certain case which is given. Part 3 consists of a number of questions to be answered by "yes" or "no" on 5 hypothetical cases. Part 4 is a logical reasoning test. Part 5 is made up of a series of questions to be answered by quoting from a given passage.

Publisher: West Publishing Co.

Price: free on application.

## PROFESSIONAL: LIBRARY

**American Library Association New Type Objective Examination Questions.** By American Library Association. Published: 1926. Purpose: to test knowledge of library technique. Range: students taking library training courses. Time to give: no information. Time to score: short. Standardized: no.

This book of test questions on library methods contains seven sets of questions in mimeographed form covering the subjects of general library information, reference work, library classification, lending methods, school library administration, children's work, and the use of the library. The types of tests used include the true-false, multiple-response, matching, completion, simple-recall, and best-answer types.

Publisher: American Library Association, 86 E. Randolph St., Chicago, Ill.

Price: not available for general distribution.

## RELIGIOUS EDUCATION

**Chassell Multiple-Choice Test of Religious Ideas.** By Clara F. and Laura M. Chassell. Published: 1924. Purpose: to ascertain religious ideas of children and adults. Range: children with reading ability and adults. Time to give: 25 minutes. Time to score: no information. Standardized: no information.

Under each of 10 questions of fundamental importance in Protestantism are 15 answers given which represent conceptions that have been held by some individual or school of religious thought. Among the 15 are 5 good, 5 medium, and 5 poor answers, as judged by the probable consensus of present-day liberal Protestantism. Select the 5 best answers to each question, adding other answers if desired. Reference: W. S. Athearn, *Indiana Survey of Religious Education*, vol. II.

Publisher: George H. Doran Co.

Price: \$5 per copy of *Indiana Survey of Religious Education*, vol. II.

**Chassell Test of Religious Ideas involving the Ranking of Selected Answers.** By Clara F. Chassell and Laura M. Chassell. Published: 1922. Purpose: to secure information as to the religious conceptions held by children. Range: grades 4-12. Time to give: 30 minutes. Time to score: no information. Standardized: no.

The test is composed of 7 questions followed by from 10 to 30 answers each. The pupils are to choose from each group from 3 to 5 answers that seem best to them.

Publisher: Committee on Social and Religious Survey.

Price: 5 cents per copy.

**Crissman Bible Tests.** By George R. Crissman. Published: 1925. Purpose: to make a survey of Biblical knowledge. Range: high school and college. Time to give: 45 minutes for each test. Time to score: 5 minutes. Standardized: tentatively.

This series is divided into 4 tests: one for high school and one for college on the Old Testament, and one for high school and one for college on the New Testament. The tests are made up of true-false, multiple-response, and completion type questions on the life of Jesus, facts and characters of the Bible, quotations from the Bible, literature of the Bible, and interpreting Christianity.

Publisher: G. R. Crissman, Alva, Okla.

Price: available as samples only (50 cents per set).

**Drew Tests in Religious Education.** By Clara F. Chassell. Published: 1921. Purpose: to measure information concerning religion and Biblical facts. Range: grades 3-8. Time to give: 20 to 35 minutes. Time to score: 2 minutes. Standardized: no.

One part of these tests is The Parable Test which is made up of 10 parables, including (1) The Lost Sheep, (2) The Lost Coin, (3) The Prodigal Son, (4) The Good Samaritan, (5) The Sower, (6) The Ten Virgins, (7) The Rich Fool, (8) The Rich Man and Lazarus, (9) The Unmerciful Servant, and (10) The Pounds. Questions of the multiple-response type are asked about each parable. Two other parts of these tests are The Drew Measurement Chart for Sunday School Pupils, and Teacher's Rating Chart for Sunday School Pupils. *One test booklet is needed for each teacher or examiner.*

Publisher: Clara F. Chassell, Teachers College, Columbia University.

Price: 15 cents per copy, postage prepaid.

**Giles Sunday School Examination A.** By J. T. Giles. Published: 1920. Purpose: to measure a pupil's Biblical knowledge and moral beliefs. Range: 10 years of age and above. Time to give: 15 to 20 minutes. Time to score: 2 minutes. Standardized: yes.

This test consists of a true-false test made up of 50 statements dealing with facts in the Old and New Testaments and 25 statements dealing with ethical questions of daily life.

Publisher: J. T. Giles, State Department of Education, Madison, Wis.

Price: no information.

**Hanson Church School Examination Alpha.** By W. L. Hanson. Published: 1924. Purpose: to test pupil's knowledge of the Old and New Testaments and of ethical matters. Range: persons over 12 years of age. Time to give: 30 minutes. Time to score: 2 minutes. Standardized: partially.

This test consists of 75 questions of the best-answer type, including 25 questions on each of the 3 divisions, Old Testament, New Testament, and ethical judgment. This test is a revision of the Giles Sunday School Examination A. Forms 1 and 2 are developed.

Publisher: W. L. Hanson, 20 Beacon St., Boston, Mass. (To be published soon by a large denominational publishing house.)

Price: not available for general distribution.

**Laycock Test of Biblical Information.** By S. R. Laycock. Published: 1922. Purpose: to test knowledge of statements made in the Bible. Range: grades 7-12. Time to give: 20 to 25 minutes. Time to score: 2 to 3 minutes. Standardized: yes.

This test consists of 7 separate tests with a total of 100 questions on various parts of the Bible. All the tests, except No. 3, are of the multiple-response type. The pupils are to check the correct answers. Test 3 is a true-false test.

Publisher: S. R. Laycock, University of Alberta.

Price: \$1 per package of 20 tests, complete; specimen set, 15 cents.

**Watson Survey of Public Opinion on some Religious and Economic Issues.**

By Goodwin B. Watson. Published: 1925. Purpose: to test public opinion in regard to issues that influence character. Range: citizens of the United States. Time to give: no time limit. Time to score: short. Standardized: yes.

This test is made up of 7 parts. Form A is a cross-out test consisting of 51 expressions. Some of these words are pleasing, some antagonizing, others distasteful. All that suggest displeasing ideas are to be crossed out. Form B is made up of 53 statements that are to be marked according to the degree of truth in them. Form C contains 10 groups of sentences expressing facts, followed by a conclusion. If it is a true inference a check is to be made before it. Form D is a moral judgment test, similar in form to C. Form E is an argument test, in which a decision must be made between strong, important arguments and weak, unimportant ones. Form F is a generalization test. This is a list of 32 completion sentences. A circle is to be drawn around the word to be supplied that best expresses one's conviction. Form G is the personal data sheet.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: 1 to 9 copies, 15 cents each, with analytic score sheet, 20 cents each; 10 to 25 copies, 10 cents each, with analytic score sheet, 15 cents each; 25 or more copies, 8 cents each, with analytic score sheet, 12 cents each.



**Whitley Biblical Knowledge Tests: Old Testament Series A.** By M. T. Whitley. Published: 1920. Purpose: to measure Biblical knowledge. Range: "children 9 years old and upward who are above the primary department." Time to give: 30 to 35 minutes. Time to score: 4 minutes; with stencil, 2 minutes. Standardized: partially.

"There are 5 tests, as follows: (1) Relationship and location of books (30 questions), (2) Sources of quotations (10 questions), (3) Order of Bible books (15 questions), (4) History facts (40 questions), (5) Completed quotations (11 questions)."

Publisher: M. T. Whitley, Teachers College, Columbia University.

Price: 6 cents for single copies; 70 cents per dozen plus 1 guide; \$2.50 per 50 plus 2 guides; \$5.75 for 100 plus 3 guides.

### SOCIAL

**Chassell's Test of Ability to Weigh Foreseen Social Consequences.** By \_\_\_\_\_ Chassell. No information available. *Out of print.*

**Kohs Ethical Discrimination Test.** By S. C. Kohs. Published: 1922. Purpose: to measure ethical perception. Range: age 11, thru college, and adult. Time to give: no information. Time to score: no information. Standardized: tentatively.

This test is a 10-page booklet containing questions on social relations, moral judgment, proverbs, moral terms to be defined, conduct to be evaluated, and moral problems for decision. The questions for each exercise are of the multiple-response type. This test is for use in courts, corrective institutions, and schools. It may be given either to individuals or to groups. Reference: *Journal of Delinquency*, January, 1922.

Publisher: C. H. Stoelting Co.

Price: \$6.75 per 25 copies; \$20 per 100; specimen copy, 68 cents.

**Sims Score Card for Socio-Economic Status.** By Verner M. Sims. Published: 1927. Purpose: to measure the cultural, social, and economic conditions of pupil's home. Range: grades 4-12, and probably thru college. Time to give: 20 to 25 minutes. Time to score: 1½ minutes. Standardized: yes.

This test can be applied either to individuals or to a group. It consists of 23 questions on the social, cultural, and economic conditions of a pupil's home.

Publisher: Public School Publishing Co.

Price: \$1 per 100 copies plus postage; manual of directions, 5 cents each.

**Social Intelligence Test.** By F. A. Moss, T. Hunt, K. T. Omwake, G. W. Jex. Published: 1925. Purpose: to measure ability to get along with others. Range: high school and college. Time to give: 40 minutes. Time to score: 5 minutes. Standardized: yes.

This test consists of 6 separate tests: Test 1, Judgment in social situations; Test 2, Memory for names and faces; Test 3, Recognition of mental states from facial expressions; Test 4, Observation of human

behavior; Test 5, Social information; Test 6, Recognition of the mental state of the speaker. All the tests are entirely objective in scoring.

Publisher: Center for Psychological Service.

Price: 12 cents each, if bought in lots of 100 or more.

**Voelker's Function of Ideals in Education.** By Paul E. Voelker. Published: 1921. Purpose: to test effect on actual conduct of the teaching of ideals. Range: children of ages 10 to 17. Time to give: 10 to 15 minutes. Time to score: 10 minutes. Standardized: no.

One hundred fifty boys were tested for trustworthiness. Two groups were brought under the teaching of a Boy Scout leader, and the entire group retested with the result that the boys who had been in the Boy Scout troop tested 22 per cent higher than the others.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$1.80 for book containing these tests, cloth; paper, \$1.35.

**Voelker's Moral Conduct Test.** By Paul E. Voelker. Published: 1921. Purpose: to test the value of moral training for children. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

This is an individual test to be given children to test their trustworthiness, honesty, etc., when temptation is put in the way. The test is made up of 10 separate tests. Reference: *The Function of Ideals in Social Education*, Teachers College, Columbia University, *Contributions to Education*, No. 112.

Publisher: Teachers College, Columbia University.

Price: no information.

## TEMPERAMENT

**Downey Individual Will-Temperament Test.** By June E. Downey. Published: 1921. Purpose: to determine temperamental traits. Range: high school and college. Time to give: varies for each test. Time to score: no information. Standardized: yes.

This test is made up of 13 tests. Test I is a test in Speed of decision; Test II, Freedom from load; Test III, Writing name at retarded speed; Test IV, Choosing mental test; Test V, Coördination of impulses; Test VI, Speed of movement and freedom from load; Test VII, Motor inhibition; Test VIII, Flexibility and volitional perseveration; Test IX, Interest in detail; Test X, Motor impulsion; Test XI, Reaction to contradiction; Test XII, Resistance to opposition; and Test XIII, Finality of judgment.

Publisher: World Book Co.

Price: \$1 per package of 25 examination booklets; 35 cents per package of 25 record cards; manual of directions, 20 cents; specimen set, 25 cents.

**Downey Will-Temperament Group Test.** By June E. Downey. Published: 1927. Purpose: to determine temperamental traits. Range:

high school and college. Time to give: varies according to test. Time to score: short. Standardized: yes.

This test consists of 9 sub-tests. Test I is a test in Speed of decision; Test II, Freedom from load; Test III, Coördination of impulses; Test IV, Speed of movement, and freedom from load; Test V, Motor inhibition; Test VI, Flexibility and volitional perseveration; Test VII, Interest in detail; Test VIII, Motor impulsion; Test IX, Envelope test.

Publisher: World Book Co.

Price: \$1.40 per package of 25 examination booklets; 35 cents per package of 25 record cards; manual of directions, 15 cents; specimen set, 20 cents postpaid.

**Pressey X-O Tests for Investigating the Emotions.** By S. L. Pressey.

Published: no information. Purpose: to discover pupils' emotions.

Range: no information Time to give: no time limit. Time to score: short. Standardized: no information.

This test is made up of 4 tests. Test I consists of 25 lists of words, the most unpleasant of which are to be marked. Test II is an association test made up of 25 lists of words. Test III is the same type as Test I, made up of 25 lists of words testing one's ideas of right and wrong. Test IV is the same type as Test I and III, made up of 25 lists of words testing the nervous reactions. Forms A and B are available.

Publisher: C. H. Stoelting Co.

Price: \$1 per 25 copies; \$3 per 100.

### MISCELLANEOUS

**Averill-Mueller Achievement Test in Psychology.** By Lawrence A.

Averill and Alfred D. Mueller. Published: 1925. Purpose: to test students' achievement in introductory courses in colleges and normal schools. Range: college students. Time to give: no time limit. Time to score: short. Standardized: tentatively.

This test is divided into 12 sections. The problems in each section are based upon the text and reference books used in introductory courses in psychology. Section A is a test in Psychological fields; Section B, Psychological methods; Section C, Original nature; Section D, Nervous system; Section E, Sensation; Section F, Habit; Section G, Attentive processes; Section H, Memorial processes; Section I, Thinking and reasoning; Section J, Individual differences; Section K, Kinds of learning transference; and Section L, Affective processes. The sheets are perforated so that the sections not needed may be removed.

Publisher: C. H. Stoelting Co.

Price: \$8.50 per 25; \$26 per 100; specimen set, 9 cents.

**Denver Curriculum Test in Kindergarten Achievement.** By Denver Public Schools. Published: 1927. Purpose: to measure achievement of kindergarten pupils.

Range: kindergarten. Time to give: Part I, 15 minutes; Part II, no time limit. Time to score: short. Standardized: in process.

This test is divided into 2 parts. Part I is a group test made up of 10 problems involving recognition of name, knowledge of numbers 3

to 7, knowledge of color, drawing of a man and a house, counting, recognition of shape and size, coloring, perception, and comprehension. Part II is an individual test made up of 5 parts, testing general information, English, number, music, and muscular coördination.

Publisher: Denver Public Schools, Denver, Colo.

Price: 10 cents per copy (available only as samples).

**Gwinn-Thurstone Ingenuity Test.** By Thelma Gwinn and L. L. Thurstone. Published: 1923. Purpose: to test ability to attack and solve problems which confront one. Range: elementary school thru college, and adult. Time to give: 60 minutes. Time to score: short. Standardized: no information.

This test consists of an 8-page pamphlet containing 25 short problems designed to test the individual's ingenuity from a number of different angles.

Publisher: C. H. Stoelting Co.

Price: \$6.25 per package of 25 copies; \$18.75 per package of 100 copies; specimen set, 63 cents; manual of directions, 50 cents.

**The Hall of Fame Test.** By E. C. Witham. Published: 1924. Purpose: to test ability to identify famous Americans. Range: grade 7 thru college. Time to give: short. Time to score: 1 minute. Standardized: yes.

This test consists of a list of 53 Americans who are in the Hall of Fame at New York University. The pupil is asked to identify each name under headings of authors, educators, etc.

Publisher: J. L. Hammett Co.

Price: \$1 per set of 50 tests; specimen copy will be sent upon request with stamps enclosed.

**Harlan Technical Vocabulary Test in Psychology.** By Charles L. Harlan. Published: 1926. Purpose: to test comprehension of technical words used in psychology. Range: college. Time to give: no information. Time to score: no information. Standardized: yes.

This test is made up of 50 statements of the multiple-response type, testing a knowledge of the meanings of words used in psychology. It is based on words found to be difficult and essential in the study of psychology. Three equivalent forms are developed. Reference: *Journal of Educational Psychology*, November, 1926.

Publisher: not published for general distribution.

**Mental Alertness Test.** By F. A. Moss, K. T. Omwake, T. Hunt, J. S. Petrie, and W. M. Loman. Published: 1926. Purpose: to measure abstract intelligence. Range: high school and college. Time to give: 50 minutes. Time to score: 8 minutes. Standardized: yes.

This test consists of 8 separate parts: Test 1, Judgment; Test 2, Understanding directions; Test 3, Comprehension; Test 4, Information; Test 5, Meaning of words; Test 6, Discrimination; Test 7, Relationship; Test 8, Reasoning. All the tests are entirely objective in scoring.

Publisher: Center for Psychological Service.

Price: 12 cents each, if bought in lots of 100 or more.

**New York State Regents' Literacy Test.** By Dr. Alfred Rejall. Published: 1923. Purpose: to help carry out the election laws of New York state requiring new voters to be able to read and write English. Range: for voters (grades 4 and 5 can pass the examination). Time to give: 15 minutes. Time to score: approximately 2 minutes. Standardized: yes.

This test is made up of 6 tests each containing a paragraph to be read and 10 questions to be answered concerning it. Test 1 is on the subject of personal health; test 2, the public library; test 3, voting; test 4, the value of the farmer; test 5, the value of education; and test 6, accidents. Reference: *School and Society*, March 1, 1924.

Publisher: State Department of Education, Albany, N.Y.

Price: not printed for general distribution.

**Pressey Interest Questionnaire.** By S. L. and L. W. Pressey. Published: 1922. Purpose: to determine the principal interests of the one being tested. Range: grades 5-12. Time to give: 45 minutes. Time to score: 4 minutes. Standardized: no.

This is a folder of 5 divisions or parts. Part I is a long list of games and amusements. Part II deals with accomplishments. Part III, A, is a list of magazines. Part III, B, deals with books. Part IV is a list of names of well-known people. Part V is a list of occupations. The pupil is to indicate, among the things and people listed in these tests, those with which he is acquainted and those which he enjoys or admires.

Publisher: Psychology Department, Ohio State University.

Price: no charge; furnished in small quantities for experimental purposes.

**Rural Life.** By J. L. Hypes. Published: in press. Purpose: to measure students in rural sociology and closely allied subjects. Range: college students. Time to give: 30 minutes. Time to score: about 5 minutes. Standardized: no.

This test consists of 75 true and false statements in sociology; a matching test of 25 authors of rural life publications; and 50 selection test questions on agricultural and rural home life matters. Forms A and B are available.

Publisher: not yet published.

Price: not determined.

**Thorndike Tests of Aesthetic Appreciation.** By E. L. Thorndike. Published: 1916. Purpose: to measure aesthetic appreciation. Range: no information. Time to give: no information. Time to score: no information. Standardized: no information.

The tests are composed of a series of 7 designs. These consist of rectangles, crosses, and lines arranged in different ways to give various effects. Also a test of "Appreciation of Quality of a Line of Poetry Written to Complete a Couplet, the First Line Being Given." Reference: *Journal of Educational Psychology*, November, 1916.

Publisher: out of print.

**United States Immigration Bureau Tests.** By Howard A. Knox. Publisher: C. H. Stoelting Co. No information available.

### INTELLIGENCE\*

**Army Alpha Intelligence Tests.** By Division of Psychology, Medical Department, U.S.A. Published: 1918. Range: grades 9 thru 12, and adult. Time to give: 40 to 50 minutes. Time to score: short. Standardized: yes.

Publisher: Division of Psychology, Medical Department, U.S.A.  
Price: \$3 per 100; 75 cents per 25.

**Dearborn Group Tests of Intelligence.** By Walter F. Dearborn. Published: 1920. Range: grades 1-4. Time to give: 45 minutes. Time to score: no information. Standardized: yes.

Publisher: J. B. Lippincott Co.  
Price: \$6 per 100; \$1.70 per 25.

**Miller Mental Ability Test.** By W. S. Miller. Published: 1922. Range: grades 7 thru college. Time to give: 30 minutes. Time to score: short. Standardized: yes.

Publisher: World Book Co.  
Price: 80 cents per 25 copies.

**National Intelligence Tests, Scale A and B.** By M. E. Haggerty, L. M. Terman, E. L. Thorndike, G. M. Whipple, and R. M. Yerkes, chairman, under the auspices of the National Research Council. Published: 1920. Range: grades 3-8. Time to give: 20 to 30 minutes for each scale. Time to score: short. Standardized: yes.

Publisher: World Book Co.  
Price: \$5.20 per 100; \$1.30 per 25.

**Otis Group Intelligence Scale.** By A. S. Otis. Published: 1918. Range: grades 5 thru college. Time to give: 65 minutes. Time to score: no information. Standardized: yes.

Publisher: World Book Co.  
Price: \$1.25 per 25 copies.

**Otis Self-Administering Tests of Mental Ability.** By Arthur S. Otis. Published: 1922. Range: Intermediate Examination, grades 5-9, Higher Examination, grades 7-12. Time to give: 20 or 30 minutes. Time to score: 1½ minutes. Standardized: yes.

Publisher: World Book Co.  
Price: \$3.60 per 100; 90 cents per 25.

**Park-Franzen Primary Test.** By Bessie Park and R. Franzen. Published: 1923. Range: kindergarten and grade 1. Time to give: 40 minutes. Time to score: short. Standardized: yes.

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\* This is a short list of approved intelligence tests and in no way attempts to cover the field of intelligence testing. It is included here as an aid to those who might wish to select an intelligence test for use at any level of the school.

Publisher: Miss Bessie Park, Primary Supervisor, Des Moines Public Schools, Des Moines, Iowa.

Price: \$1.25 per 25 copies.

**Pintner-Cunningham Primary Mental Test.** By Rudolf Pintner and Bess V. Cunningham. Published: 1923. Range: kindergarten and grades 1 and 2. Time to give: 25 to 40 minutes. Time to score: short. Standardized: yes.

Publisher: World Book Co.

Price: \$5.80 per 100; \$1.45 per 25.

**Stanford Revision of the Binet Test.** By Lewis M. Terman. Published: 1916. Range: age 3 thru adult (an individual test). Time to give: about 50 minutes. Time to score: short. Standardized: yes.

Publisher: C. H. Stoelting Co.

Price: material necessary for giving, \$8.55; complete instructions, \$2.95; condensed guide, \$1.30; record booklets, \$2.50 per 25; abbreviated filing record blanks, \$1.30 per 25.

**Terman Group Test of Mental Ability.** By Lewis M. Terman. Published: 1920. Range: grades 7-12. Time to give: 35 minutes. Time to score: short. Standardized: yes.

Publisher: World Book Co.

Price: \$5.40 per 100; \$1.35 per 25.

**Thorndike Intelligence Examination for High School Graduates.** By Edward L. Thorndike. Published: 1919. Range: high-school graduates. Time to give: about 3 hours. Time to score: no information. Standardized: yes.

Publisher: Bureau of Publications, Teachers College, Columbia University.

Price: \$100 per 100; \$50 per 50, for current issues; \$35 per 50, \$20 per 25, for back issues.

## Addresses of Publishers of Educational Tests

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- American Book Co., 300 Pike st., Cincinnati, Ohio.  
 American Classical League, care of Dr. Mason D. Gray, East High School, Rochester, N.Y.  
 American Library Association, 86 East Randolph St., Chicago, Ill.  
 Edward E. Babb and Co., 212 East Summer St., Boston, Mass.  
 Berry and Co., Chicago, Ill.  
 C. C. Birchard and Co., Boston, Mass.  
 Milton Bradley and Co., Springfield, Mass.  
 Brigham Young University, Provo, Utah.  
 Bruce Publishing Co., Milwaukee, Wis.  
 Bureau of Public Personnel Administration, Mills Bldg., Pennsylvania Ave. and Seventeenth St., Washington, D.C.  
 Business Standards Association, 299 Broadway, New York City.  
 Carnegie Institute of Technology, Pittsburgh, Pa.  
 Catholic Education Press, 1326 Quincy St., N.E., Brookland Station, Washington, D.C.  
 Center for Psychological Service, 2024 "G" St., N.W., Washington, D.C.  
 College Bookstore, Columbus, Ohio.  
 Colorado State Normal School, Gunnison, Colo.  
 Columbia University, 525 West One-hundred-twentieth St., New York City.  
 Committee on Social and Religious Survey, 307 Seventh Ave., New York City.  
 Constitution Publishing Co., Mitchell, S.D.  
 Department of Interior, Bureau of Education, Washington, D.C.  
 The Dobson-Evans Co., Indianapolis, Ind., or Columbus, Ohio.  
 George H. Doran Co., New York City.  
 Eau Claire Book and Stationery Co., Eau Claire, Wis.  
 Educational and Personnel Publishing Co., P.O. Box 1039, Washington, D.C.  
 Educator Supply Co., Mitchell, S.D.  
 Gage and Co., Ltd., London, England.  
 Ginn and Co., 2301-2311 Prairie Ave., Chicago, Ill., or 15 Ashburton Place, Boston, Mass.  
 The Gregg Publishing Co., 20 West Forty-seventh St., New York, N.Y., or 623-633 South Wabash Ave., Chicago, Ill., or Statler Building, Boston, Mass., or Phelan Building, San Francisco, Calif., or 285 Fifth Ave., New York City.  
 Hall and McCreary Co., 432 South Wabash Ave., Chicago, Ill.  
 J. L. Hammett Co., Newark, N.J., or Cambridge, Mass.  
 G. G. Harrap and Co., London, England.  
 Harris Teachers College, St. Louis, Mo.  
 Harvard University, Cambridge, Mass.  
 Harvard University Press, Cambridge, Mass.



- D. C. Heath and Co., 1815 Prairie Ave., Chicago.  
 Hollins College, Hollins, Va.  
 Henry Holt and Co., 1 Park Ave., New York City.  
 Houghton Mifflin Co., New York City.  
 Hub City Supply Co., 20 Third Ave., S.E., Aberdeen, S.D.  
 Indiana University, Bloomington, Ind.  
 Institute of Public Service, 1125 Amsterdam Ave., New York City.  
 Iowa State Teachers College, Cedar Falls, Iowa.  
 The Johns Hopkins Press, Baltimore, Md.  
 Kansas State Normal School, Emporia, Kan.  
 Kenyon Press Publishing Co., Wauwatosa, Wis.  
 Lafayette Publishing Co., Lafayette, Ind.  
 Laidlaw Brothers, 2001 Calumet Ave., Chicago, Ill., or 118 East Twenty-fifth St., New York City.  
 The Lakeland Publishing Co., 217 North Mills St., Madison, Wis.  
 Laurel Book Co., Chicago, Ill.  
 J. B. Lippincott Co., Chicago, Ill., or 227 South Sixth St., Philadelphia, Pa.  
 McKnight and McKnight, Normal, Ill., or Columbus, Ohio.  
 The Macmillan Company, 60 Fifth Avenue, New York City, or 30 Huntington Avenue, Boston, Mass., or Prairie Avenue and 25th St., Chicago, Ill., or 330 South Harvard St. (P. O. Box 1151), Dallas, Tex., or 17 Houston St., Atlanta, Ga., or 350 Mission St., San Francisco, Calif.  
 The Manual Arts Press, Peoria, Ill.  
 National Council of Teachers of English, 6705 Yale Ave., Chicago, Ill.  
 National Publishing Society, Mountain Lake Park, Md.  
 The National Society of Teachers of English, 506 West Sixty-ninth St., Chicago, Ill.  
 Normal Bookstore, Cheney, Wash.  
 Northwestern State Teachers College, Alva, Okla.  
 Northwestern University, Evanston, Ill.  
 Oberlin College, Oberlin, Ohio.  
 Ohio State University, Columbus, Ohio.  
 A. N. Palmer Co., Chicago, Ill.  
 The Parker Co., Madison, Wis.  
 George Peabody College for Teachers, Nashville, Tenn.  
 Playground and Recreation Assn. of America, 1 Madison Ave., New York City.  
 The Plymouth Press, 7850-56 Lowe Ave., Chicago, Ill.  
 Prang Co., Chicago, Ill.  
 Public School Publishing Co., Bloomington, Ill.  
 Purdue University, Lafayette, Ind.  
 Rand McNally and Co., Chicago, Ill.  
 Research Publishing Co., Washington, D.C.  
 Research Service Co., 4259 South Van Buren Place, Los Angeles, Calif.  
 Research University, Washington, D.C.  
 Russell Sage Foundation, 130 East Twenty-second St., New York City.  
 Scott, Foresman and Co., 623 South Wabash Ave., Chicago, Ill.  
 Silver, Burdett and Co., Boston, Mass.

Smith, Hammond, and Co., Atlanta, Ga.  
South-Western Publishing Co., Chicago, Ill.  
Christopher Sower Co., 614 Arch St., Philadelphia, Pa.  
Leland Stanford University, Stanford, Calif.  
State Manual Training Normal School, Pittsburg, Kan.  
State Normal School, Indiana, Pa.  
State Normal School, Plymouth, N.H.  
State Teachers College, Santa Barbara, Calif.  
C. H. Stoelting Co., 424 North Homan Ave., Chicago, Ill.  
University of Alberta, Edmonton, Canada.  
University of Chicago, Chicago, Ill.  
University of Chicago Bookstore, 5802 Ellis Ave., Chicago, Ill.  
University of Chicago Press, Chicago, Ill.  
University of Cincinnati, Cincinnati, Ohio.  
University Coöperative Co., 504 State St., Madison, Wis.  
University of Illinois, Urbana, Ill.  
University of Iowa, Iowa City, Iowa.  
University of Minnesota, Minneapolis, Minn.  
University of Nebraska, Lincoln, Neb.  
University of North Carolina, Chapel Hill, N.C.  
University of Oklahoma, Norman, Okla.  
University of Oregon, Eugene, Ore.  
University of Pennsylvania, Philadelphia, Pa.  
University of Pittsburgh, Pittsburgh, Pa.  
University Print Shop, Lewisburg, Pa.  
University Publishing Co., Chicago, Ill.  
University Supply and Book Co., 10109 Wilbur Ave., Cleveland, Ohio  
University of Texas, Austin, Texas.  
University of The State of New York Press, Albany, N.Y.  
University of Toronto Press, Toronto, Canada.  
University of Wisconsin, Madison, Wis.  
University of Wyoming, Laramie, Wyoming.  
U.S. Bureau of Education, Washington, D.C.  
U.S. Civil Service Commission, Washington, D.C.  
West Intermediate Press, Jackson, Mich.  
West Publishing Co., St. Paul, Minn.  
Western Reserve University, Cleveland, Ohio.  
Western State Normal, Kalamazoo, Mich.  
Whittier State School, Whittier, Calif.  
Winnetka Individual Materials, Inc., Horace Mann School, Winnetka, Ill.  
World Book Co., Yonkers-on-Hudson, N.Y., or 2126 Prairie Ave., Chicago, Ill., or Boston, Mass., or San Francisco, Calif., or Dallas, Tex., or Portland, Ore., or Atlanta, Ga., or Manila, P.I.  
Yale University, New Haven, Conn.  
Zaner and Bloser Co., 118 North High St., Columbus, Ohio.

## Chart of Available Tests and Grades for Which They Are Designed

NAME OF TEST	GRADES												College	Special Groups	Group or Individual	Page
	K	1	2	3	4	5	6	7	8	9	10	11	12			
<b>COMPOSITE: ACHIEVEMENT—</b>																
Indiana Composite Achievement Test		X	X					X	X				X		G	9
Individual Attainment Scale for Clinical Use															I	9
Iowa High School Content Examination								X	X				X		G	9
Lippincott-Chapman Classroom Products Survey Test					X	X	X					X			G	10
North Carolina High School Senior Examination								X							G	10
Presssy Scale of Attainment No. 2									X						G	11
Presssy Second-Grade Attainment Scale, in Spelling, Reading, and Arithmetic			X												G	11
Presssy Third-Grade Attainment Scale (Spelling, Arithmetic, and Reading)			X	X		X	X	X							G	11
Stanford Achievement Test					X	X									G	12
<b>COMPOSITE. CLASSIFICATION—</b>																
The Illinois Examination						X	X	X	X						G	13
Otis Classification Test				X	X	X	X	X	X	X					G	13
Pintner's Educational Survey and Non-Language Mental Tests				X	X	X	X	X							G	13
Seattle Entrance Class Tests, Form A, Revised	X														G	14
<b>ENGLISH COMPOSITE—</b>																
Aly Placement Test in English for College Freshmen													X		G	14
Columbia Research Bureau English Test									X	X	X	X	X		G	15
Cross English Test . . .													X		G	16
Iowa Placement Examinations										X	X	X	X		G	17
Purdue English Test													X		G	17
Tressler English Minimum Essentials Test						X	X	X	X				X		G	17









NAME OF TEST	GRADES												College	Special Groups	Group or Individual	Page	
	K	1	2	3	4	5	6	7	8	9	10	11					12
MATHEMATICS. ARITHMETIC—Continued—																	
Monroe's General Survey Scale in Arithmetic																	
Monroe's Standardized Reasoning Tests in Arithmetic																	
Myers Problem Power Scale																	
National Arithmetic Scales																	
Otis Reasoning Test in Arithmetic																	
Pest-Dearborn Progress Tests in Arithmetic																	
Pittsburgh Arithmetic Scale																	
Plymouth Arithmetic Tests, Test No. 5A, 6A, 7A, 8A, 11A, 12A, 16A, 17A, 21A, 24A, 25A																	
Price's Diagnostic Test of Processes of Working with Common Fractions																	
Reavis-Breslich Diagnostic Tests in the Fundamental Operations of Arithmetic and in Problem Solving																	
Spencer Diagnostic Arithmetic Test																	
Starch's Arithmetical Scale A																	
Stevenson Problem Analysis Test																	
Stone (New) Reasoning Test in Arithmetic																	
Theisen-Woody's Parallel Tests																	
Thompson's Minimum Essentials in Arithmetic																	
Wildeman's Test in Common Fractions																	
Wilson General Survey Tests in Arithmetic																	
Wilson Inventory and Diagnostic Tests in Arithmetic																	
Wisconsin Inventory Tests in Arithmetic																	
Wisconsin Supervisory Tests																	
Witham's Standard Arithmetic Tests																	
Woody Arithmetic Scales. Series A and B																	
Woody Arithmetic Scales. Van Wagenen Revision																	
Woody-McCall Mixed Fundamentals																	





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NAME OF TEST	GRADES												College	Special Groups	Group or Individual	Page	
	K	1	2	3	4	5	6	7	8	9	10	11					12
READING: VOCABULARY—Continued— Terman-Childs Vocabulary Test Thorndike's Test of Word Knowledge Thorndike's Visual Vocabulary Scale Whipple Range of Information Test...	X	X	X	X	X	X	X	X	X	X	X	X	X		G	101	
			X		X	X	X	X	X	X					G	102	
					X	X	X	X	X	X					G	102	
														X	G	102	
SOCIAL STUDIES: SOCIAL SCIENCE— Kepner Background Test in Social Science . . .										X	X	X			G	103	
SOCIAL STUDIES: GEOGRAPHY— Branom's Diagnostic Tests in Geography Buckingham-Stevenson Information-Problems Test in Geography . . . Buckingham-Stevenson Place Geography Tests Buckingham-Stevenson United States Geography Information and Problems Test . . . Courtis Standard Supervisory Test in Geography Forney Test in Map-Reading Abilities Gregory-Hagerty Geography Tests Gregory-Spencer Geography Test . . . Hahn-Lackey Geography Scale Indiana University Geography Test McGill Map Test of Canada Olmsted's Diagnostic Geography Test Plymouth Educational Tests, No. 60A, Geographical Definitions Plymouth Educational Tests, No. 63A, World Map Plymouth Educational Tests, No. 64A, United States Map Posey-Van Wagenen Geography Scales					X	X	X	X	X	X	X	X	X	X	G	104	
					X	X	X	X	X	X	X	X	X	X	G	105	
										X	X	X	X	X	G	105	
											X	X	X	X	G	105	
															G	106	
															G	106	
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															G	109	



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NAME OF TEST	GRADES												College	Special Groups	Group or Individual	Page	
	K	1	2	3	4	5	6	7	8	9	10	11					12
SCIENCE: BIOLOGY— Cooprider's Information Exercises in Biology Jordan-Foran Biology Tests Richards Biology Test Ruch-Cossmann Biology Test										X	X	X	X	X	G	152 153 154 154	
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Hutchinson Music Test							G	178
Kwalwasser Test of Music Information and Appreciation		X	X	X	X	X	G	179
Kwalwasser-Ruch Test of Musical Accomplishment		X	X	X	X	X	G	179
Moeher Individual Singing Test		X	X	X	X	X	I	180
Moeher Sight Singing Music Test		X	X	X	X	X	G	180
Petry-Raysey Recognition of Characteristic Rhythms		X	X	X	X	X	G	180
Plymouth Educational Tests, No. 100A, Key Signatures		X	X	X	X	X	G	180
Seashore Measures of Musical Talent		X	X	X	X	X	G	181
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Olmsted Diagnostic Physiology Test		X	X	X	X	X	G	186
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Railley's Standards in Physical Training		X	X	X	X	X	G	187
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Winter Physical Ability Test . . . . .		X	X	X	X	X	G	187
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